

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121418\
 Data File : BE098441.D
 Acq On : 14 Dec 2018 18:26
 Operator : SJ/JU
 Sample : PB115586BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB115586BL

Quant Time: Dec 14 23:32:29 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

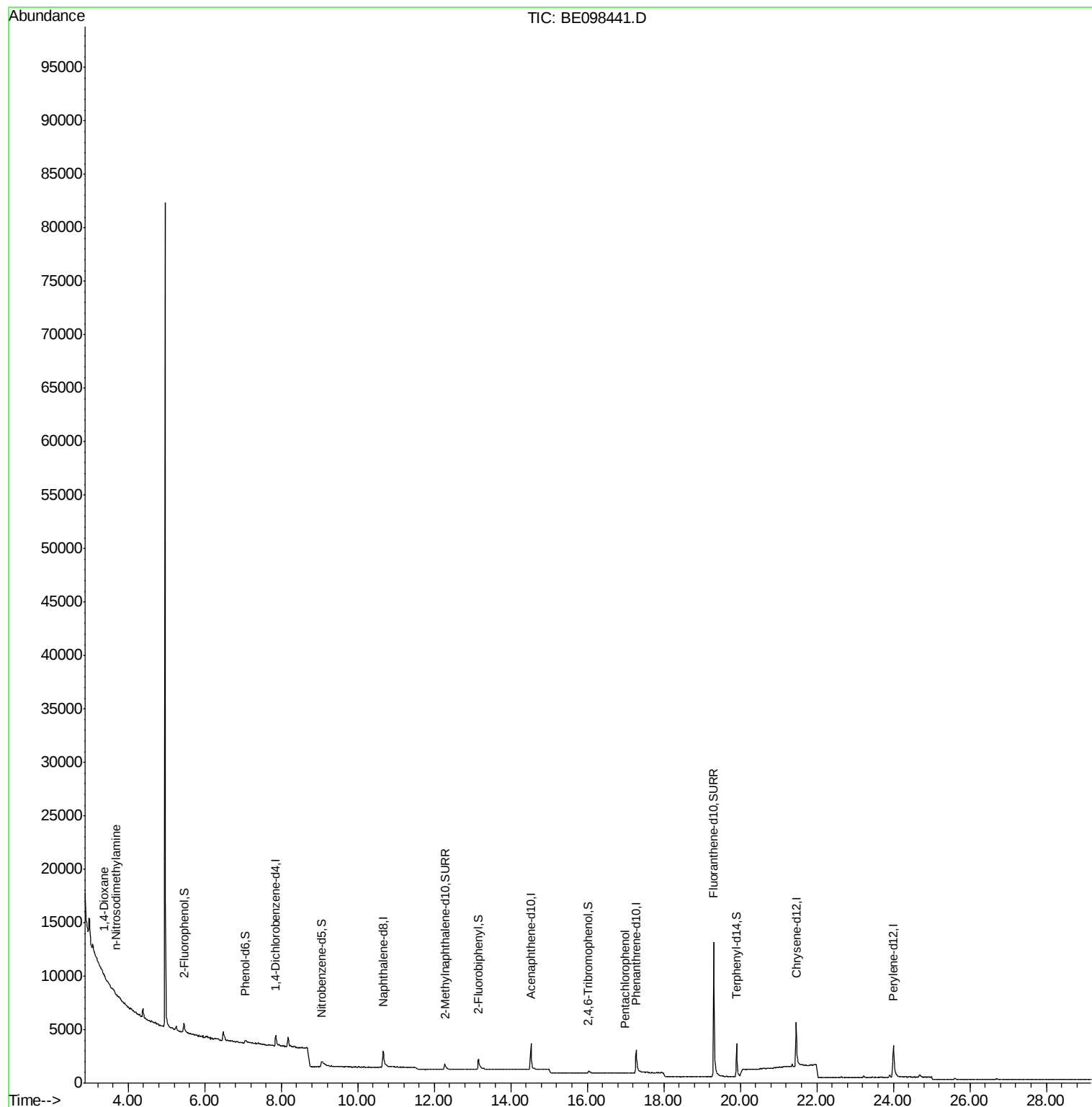
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	770	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	3065	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1963	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	5411	0.40	ng	0.00
27) Chrysene-d12	21.46	240	6479	0.40	ng	0.00
34) Perylene-d12	24.00	264	6329	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	766	0.43	ng	0.00
5) Phenol-d6	7.06	99	867	0.34	ng	0.00
8) Nitrobenzene-d5	9.07	82	684	0.25	ng	0.05
11) 2-Methylnaphthalene-d10	12.28	152	1541	0.31	ng	0.01
14) 2,4,6-Tribromophenol	16.03	330	263	0.36	ng	0.01
15) 2-Fluorobiphenyl	13.16	172	2288	0.28	ng	0.01
25) Fluoranthene-d10	19.30	212	24184	0.35	ng	0.00
29) Terphenyl-d14	19.90	244	3715	0.24	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	70	0.053	ng	Qvalue # 12
3) n-Nitrosodimethylamine	3.68	42	90	0.075	ng	# 100
22) Pentachlorophenol	16.99	266	13	0.043	ng	# 72

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

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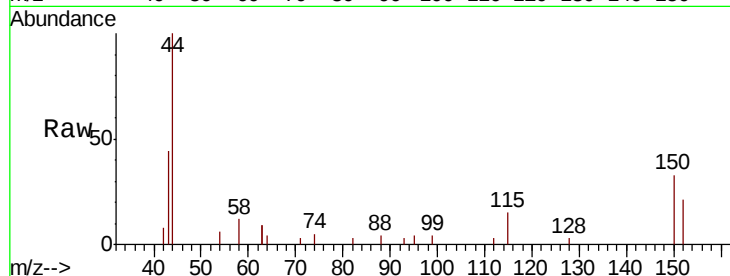


#1

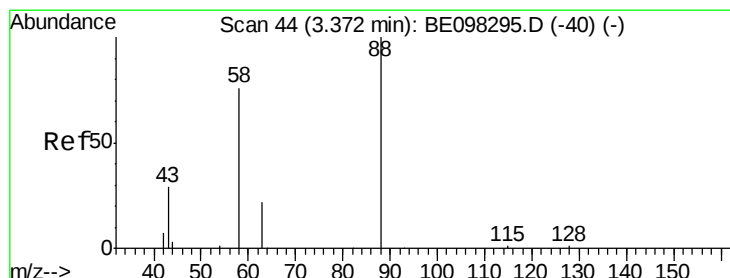
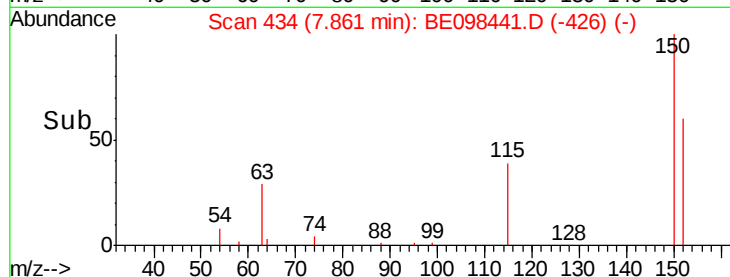
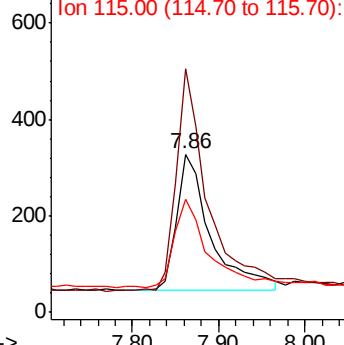
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument :
BNA_G
ClientSampleId :
PB115586BL

Tgt Ion: 152 Resp: 770
Ion Ratio Lower Upper
152 100
150 154.0 124.2 186.4
115 71.3 53.9 80.9



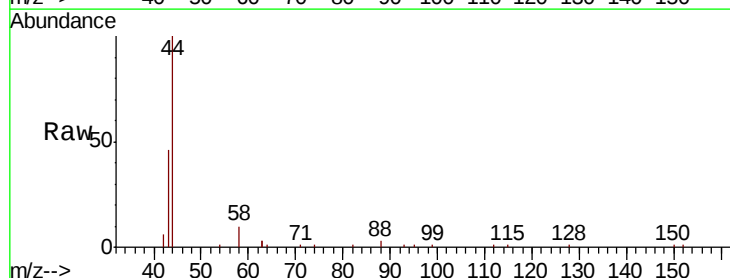
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



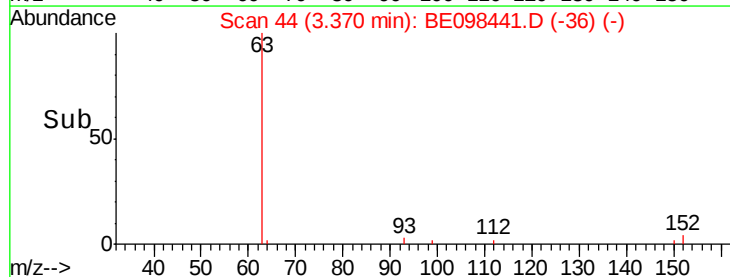
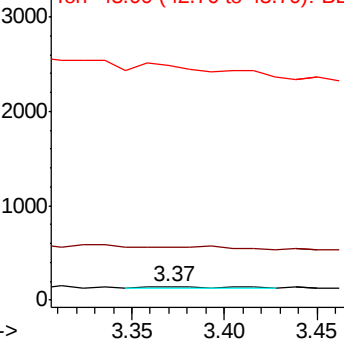
#2

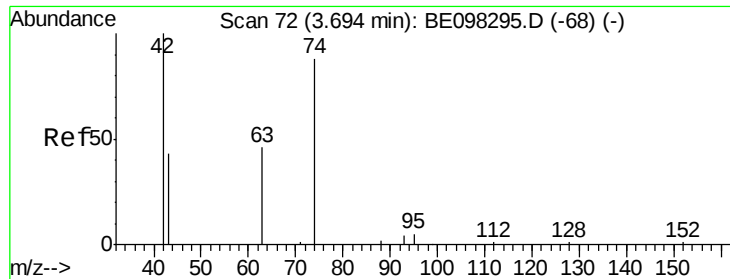
1,4-Dioxane
Concen: 0.053 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Tgt Ion: 88 Resp: 70
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





#3

n-Nitrosodimethylamine

Concen: 0.075 ng

RT: 3.68 min Scan# 71

Delta R.T. -0.01 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

BNA_G

ClientSampleId :

PB115586BL

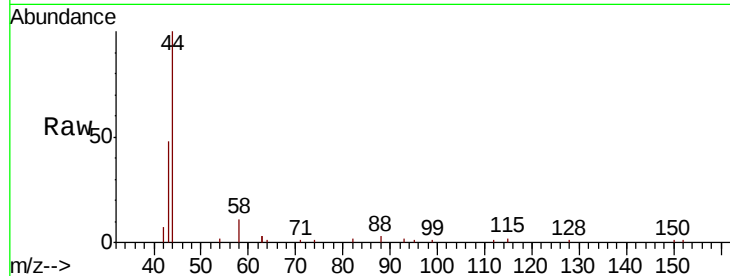
Tgt Ion: 42 Resp: 90

Ion Ratio Lower Upper

42 100

74 8.9 0.0 0.0#

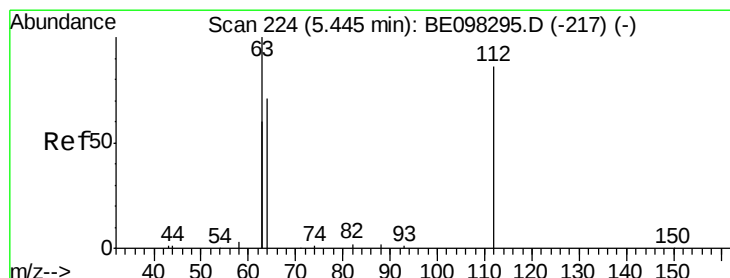
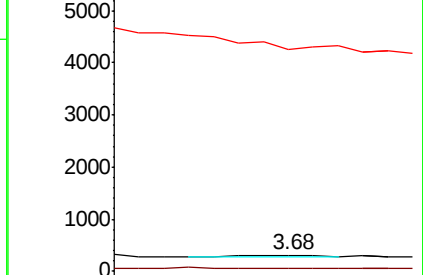
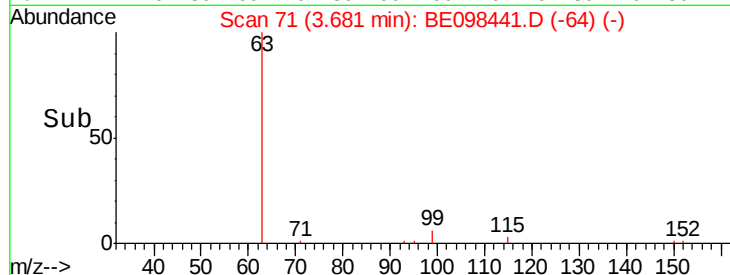
44 0.0 0.0 0.0



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: 0.425 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

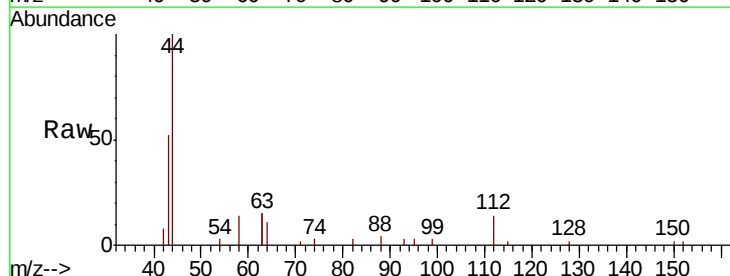
Tgt Ion: 112 Resp: 766

Ion Ratio Lower Upper

112 100

64 66.1 59.8 89.8

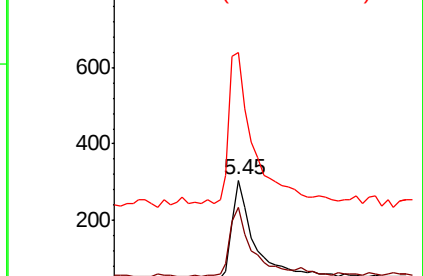
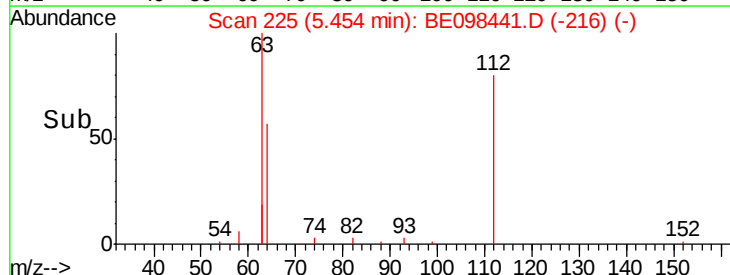
63 169.2 133.7 200.5

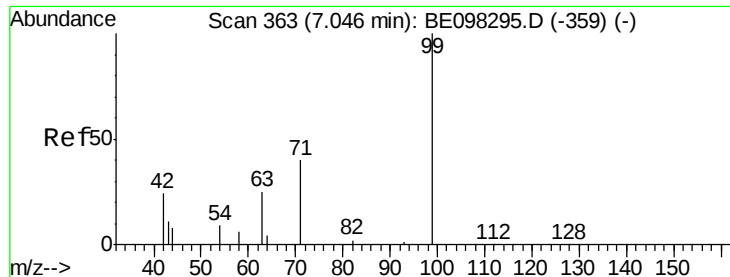


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.340 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

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ClientSampleId :

PB115586BL

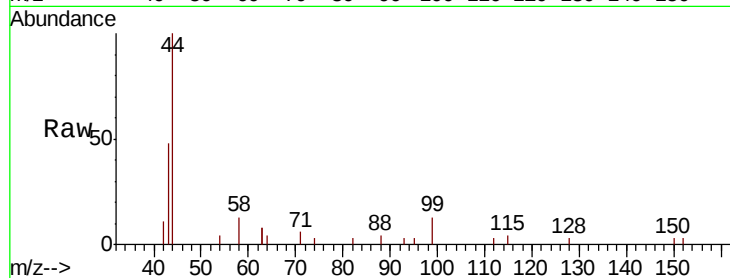
Tgt Ion: 99 Resp: 867

Ion Ratio Lower Upper

99 100

42 21.0 26.3 39.5#

71 36.7 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

7.06

250

200

150

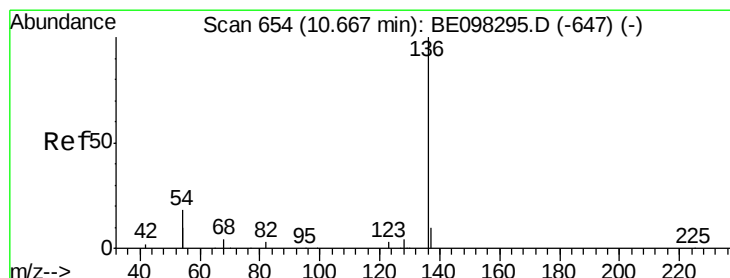
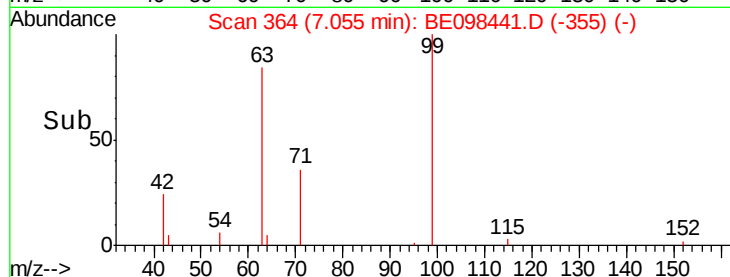
100

50

0

6.90 7.00 7.10 7.20 7.30

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Tgt Ion: 136 Resp: 3065

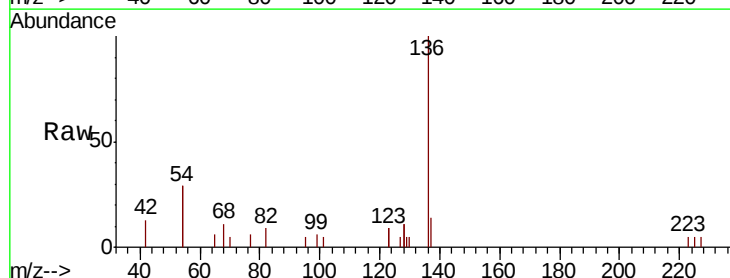
Ion Ratio Lower Upper

136 100

137 14.4 9.2 13.8#

54 58.1 28.4 42.6#

68 10.6 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

10.67

1500

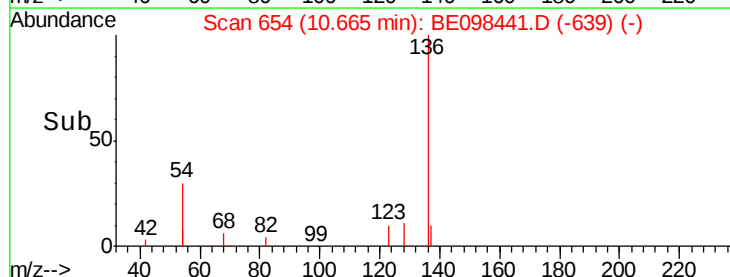
1000

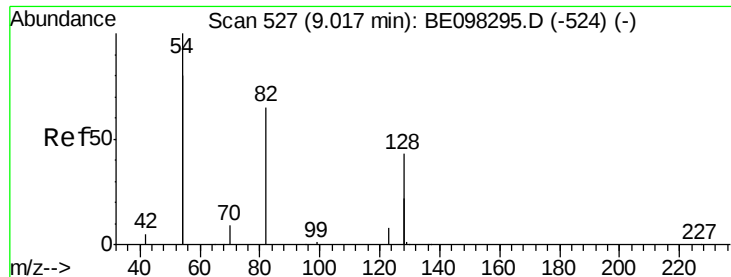
500

0

10.50 10.60 10.70 10.80

Time-->





#8

Nitrobenzene-d5

Concen: 0.245 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

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ClientSampleId :

PB115586BL

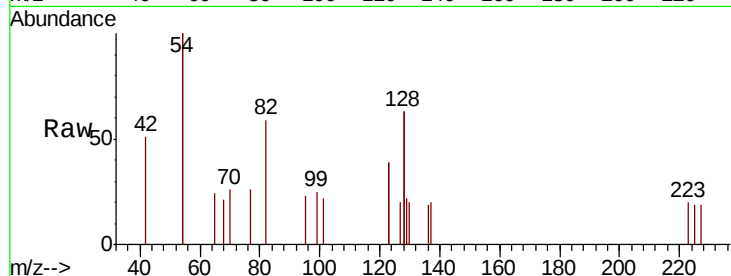
Tgt Ion: 82 Resp: 684

Ion Ratio Lower Upper

82 100

128 214.3 102.4 153.6#

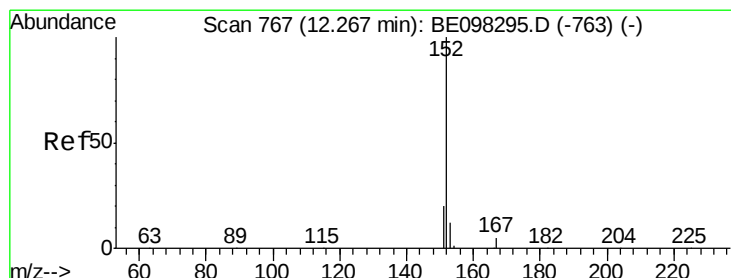
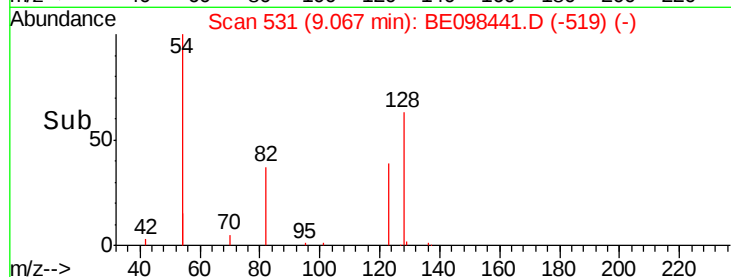
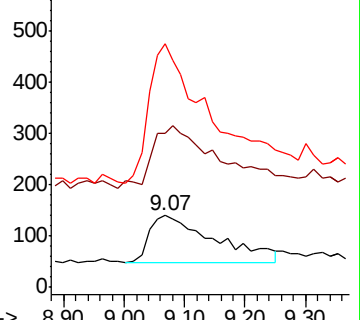
54 338.6 221.8 332.8#



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: 0.309 ng

RT: 12.28 min Scan# 768

Delta R.T. 0.01 min

Lab File: BE098441.D

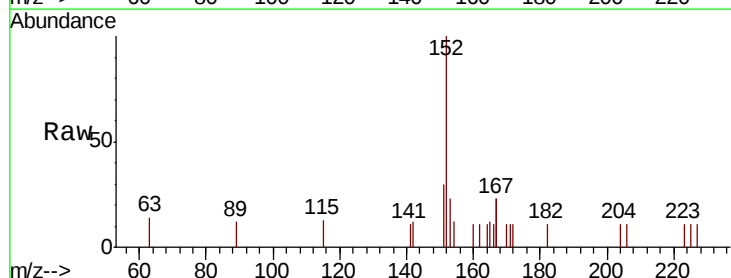
Acq: 14 Dec 2018 18:26

Tgt Ion: 152 Resp: 1541

Ion Ratio Lower Upper

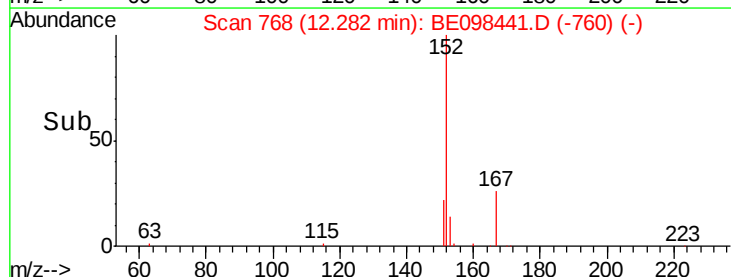
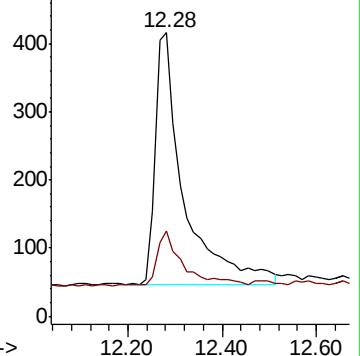
152 100

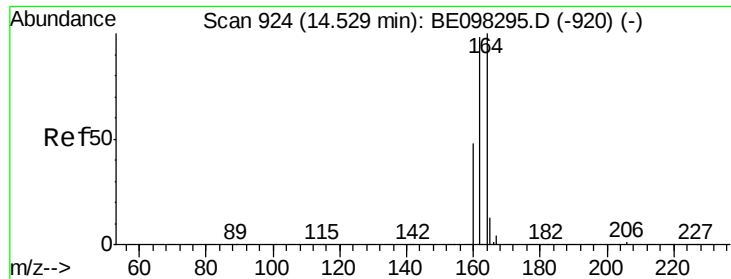
151 17.8 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

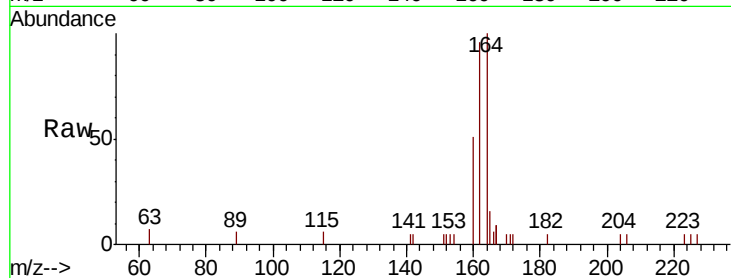




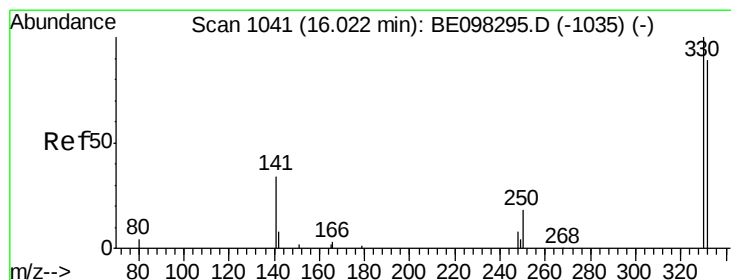
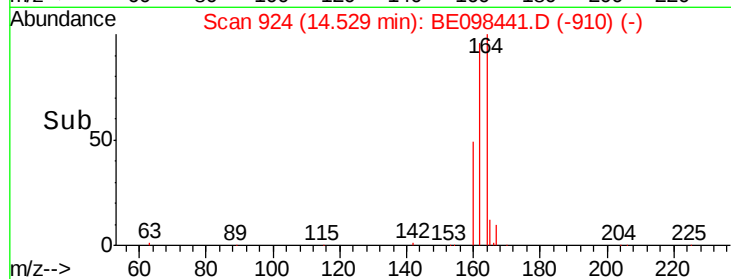
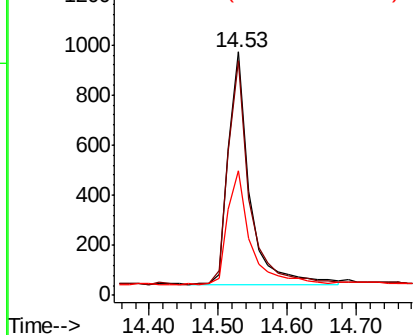
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.53 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BE098441.D
 Acq: 14 Dec 2018 18:26

Instrument :
 BNA_G
 ClientSampleId :
 PB115586BL

Tgt Ion:164 Resp: 1963
 Ion Ratio Lower Upper
 164 100
 162 96.4 77.6 116.4
 160 51.4 36.0 54.0

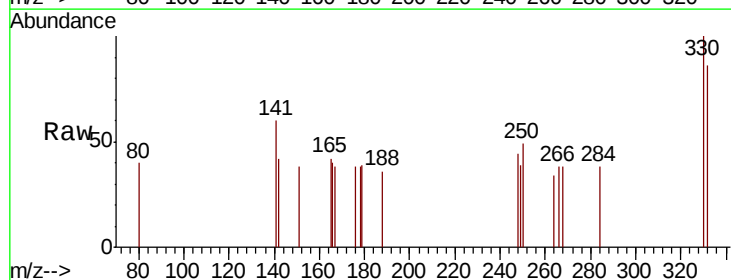


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

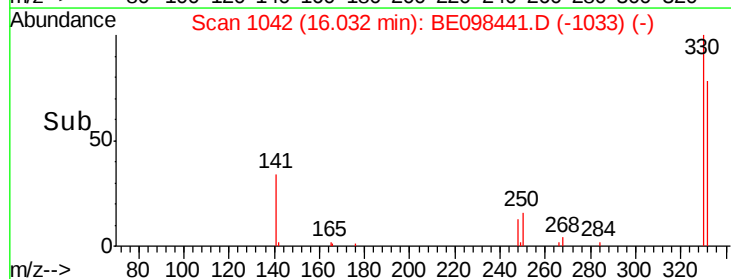
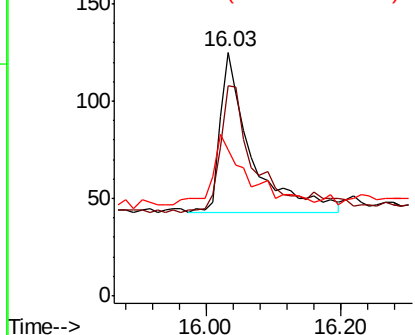


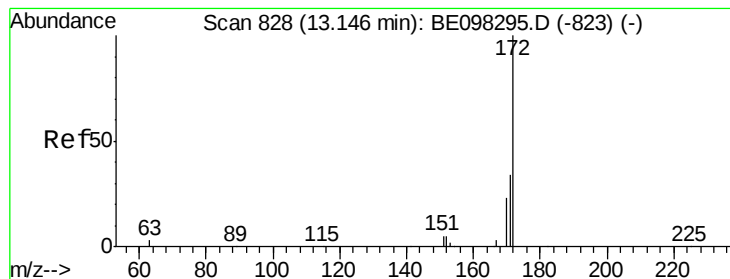
#14
 2,4,6-Tribromophenol
 Concen: 0.365 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098441.D
 Acq: 14 Dec 2018 18:26

Tgt Ion:330 Resp: 263
 Ion Ratio Lower Upper
 330 100
 332 84.4 76.2 114.4
 141 47.9 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: 0.276 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

BNA_G

ClientSampleId :

PB115586BL

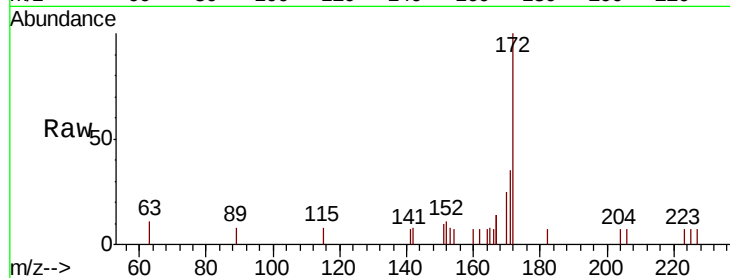
Tgt Ion:172 Resp: 2288

Ion Ratio Lower Upper

172 100

171 35.2 27.5 41.3

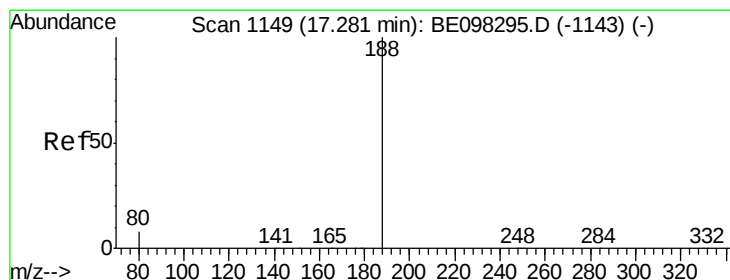
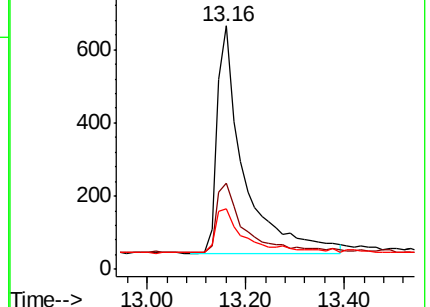
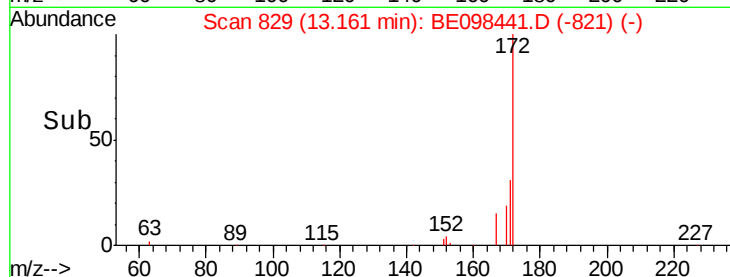
170 25.1 19.6 29.4



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: 17.28 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

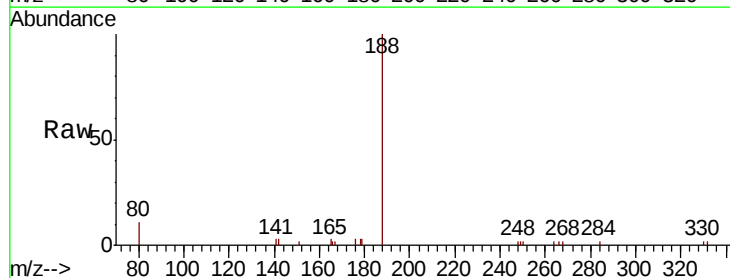
Tgt Ion:188 Resp: 5411

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

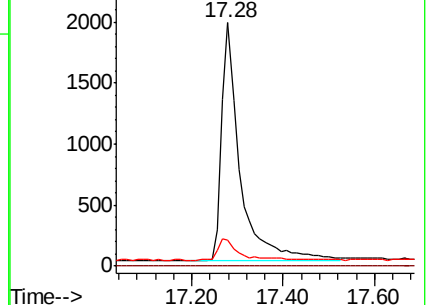
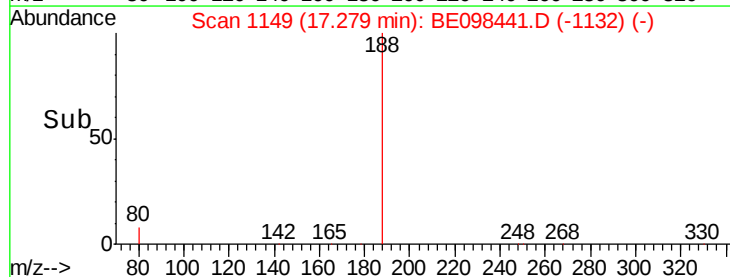
80 10.5 7.2 10.8

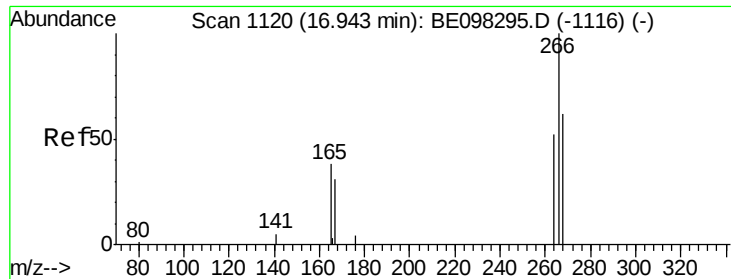


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

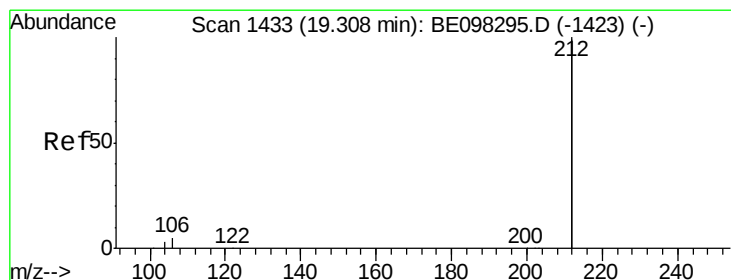
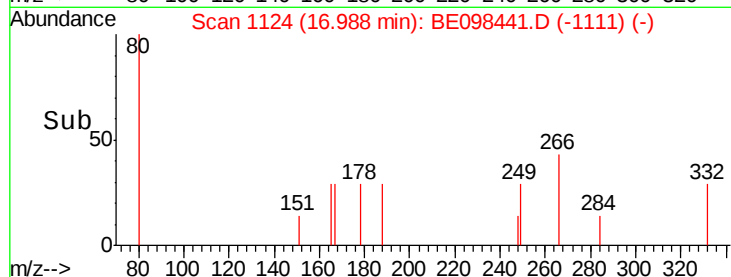
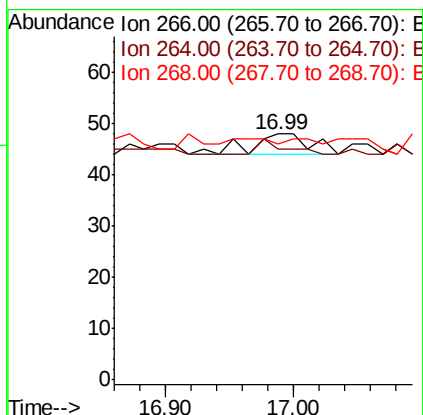
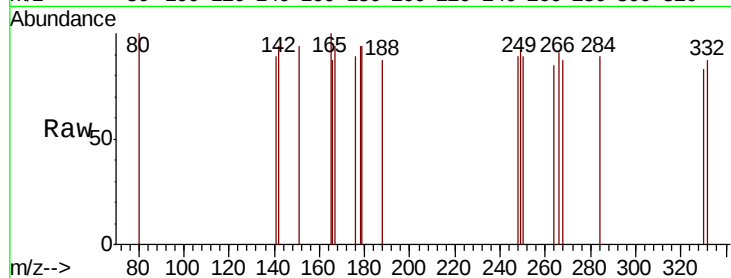




#22
 Pentachlorophenol
 Concen: 0.043 ng
 RT: 16.99 min Scan# 1124
 Delta R.T. 0.05 min
 Lab File: BE098441.D
 Acq: 14 Dec 2018 18:26

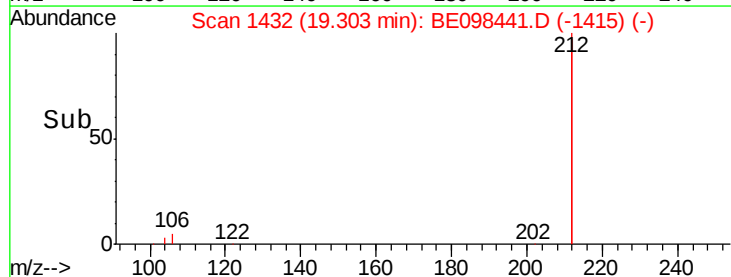
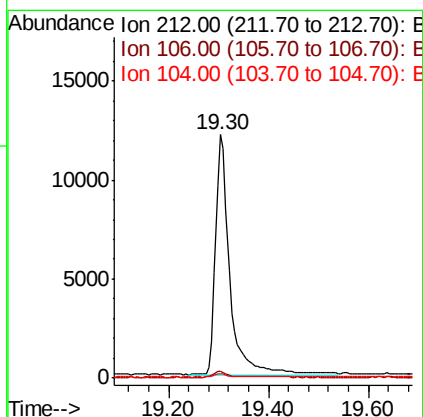
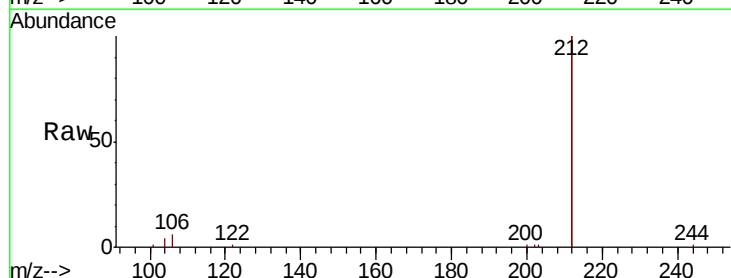
Instrument :
 BNA_G
 ClientSampleId :
 PB115586BL

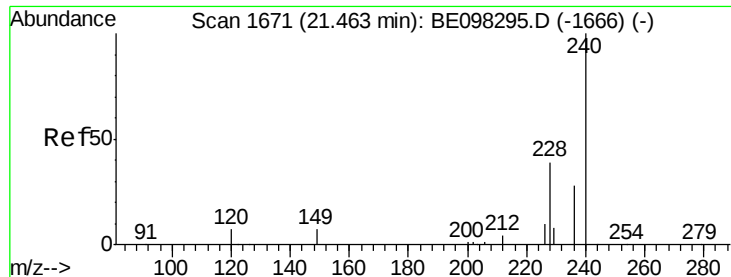
Tgt Ion:266 Resp: 13
 Ion Ratio Lower Upper
 266 100
 264 93.8 59.0 88.4#
 268 95.8 55.1 82.7#



#25
 Fluoranthene-d10
 Concen: 0.348 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE098441.D
 Acq: 14 Dec 2018 18:26

Tgt Ion:212 Resp: 24184
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.4 1.3 1.9





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

Instrument :

BNA_G

ClientSampleId :

PB115586BL

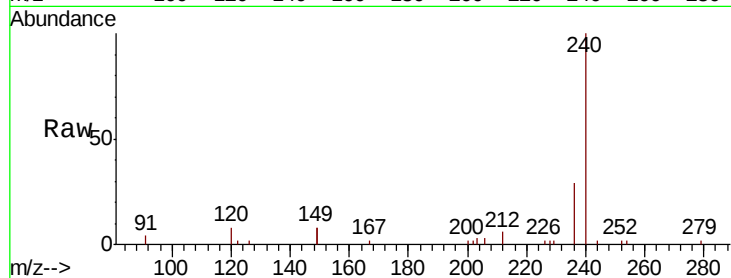
Tgt Ion:240 Resp: 6479

Ion Ratio Lower Upper

240 100

120 8.0 9.5 14.3#

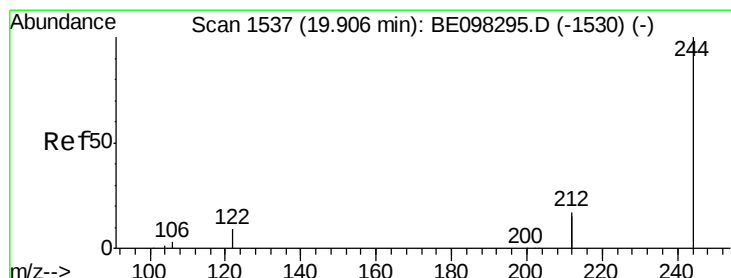
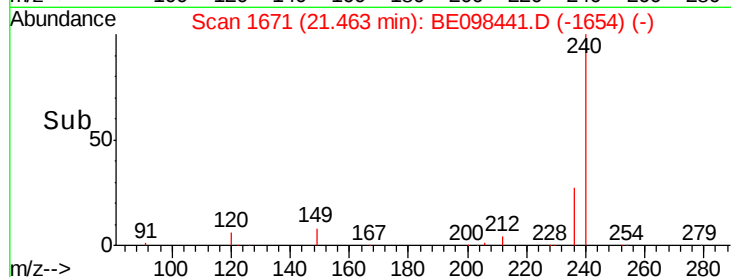
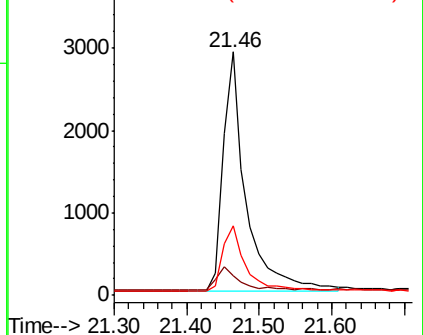
236 28.5 22.7 34.1



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: 0.236 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098441.D

Acq: 14 Dec 2018 18:26

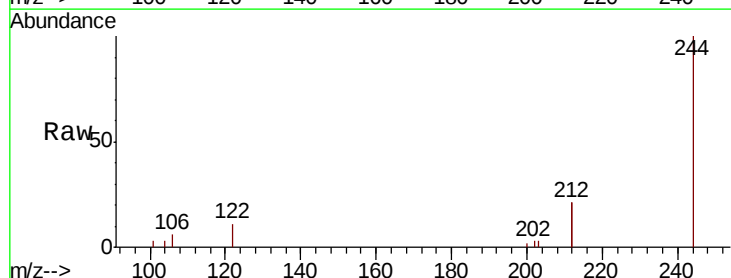
Tgt Ion:244 Resp: 3715

Ion Ratio Lower Upper

244 100

212 42.6 27.4 41.0#

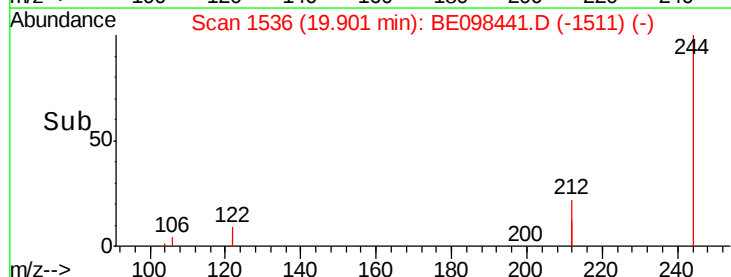
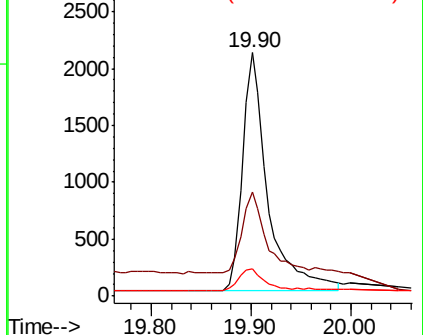
122 11.4 8.3 12.5

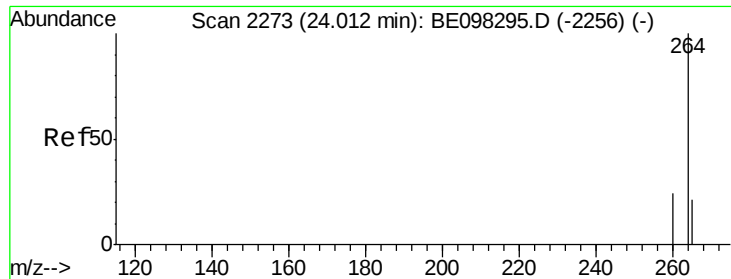


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34
Perylene-d12
Concen: 0.400 ng
RT: 24.00 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BE098441.D
Acq: 14 Dec 2018 18:26

Instrument :
BNA_G
ClientSampleId :
PB115586BL

Tgt Ion: 264 Resp: 6329
Ion Ratio Lower Upper
264 100
260 26.4 20.2 30.2
265 30.0 25.2 37.8

