

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE121318\
 Data File : BE098432.D
 Acq On : 14 Dec 2018 12:49
 Operator : SJ/JU
 Sample : J6325-02RE
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-117D1-20181204RE

Quant Time: Dec 14 15:33:38 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

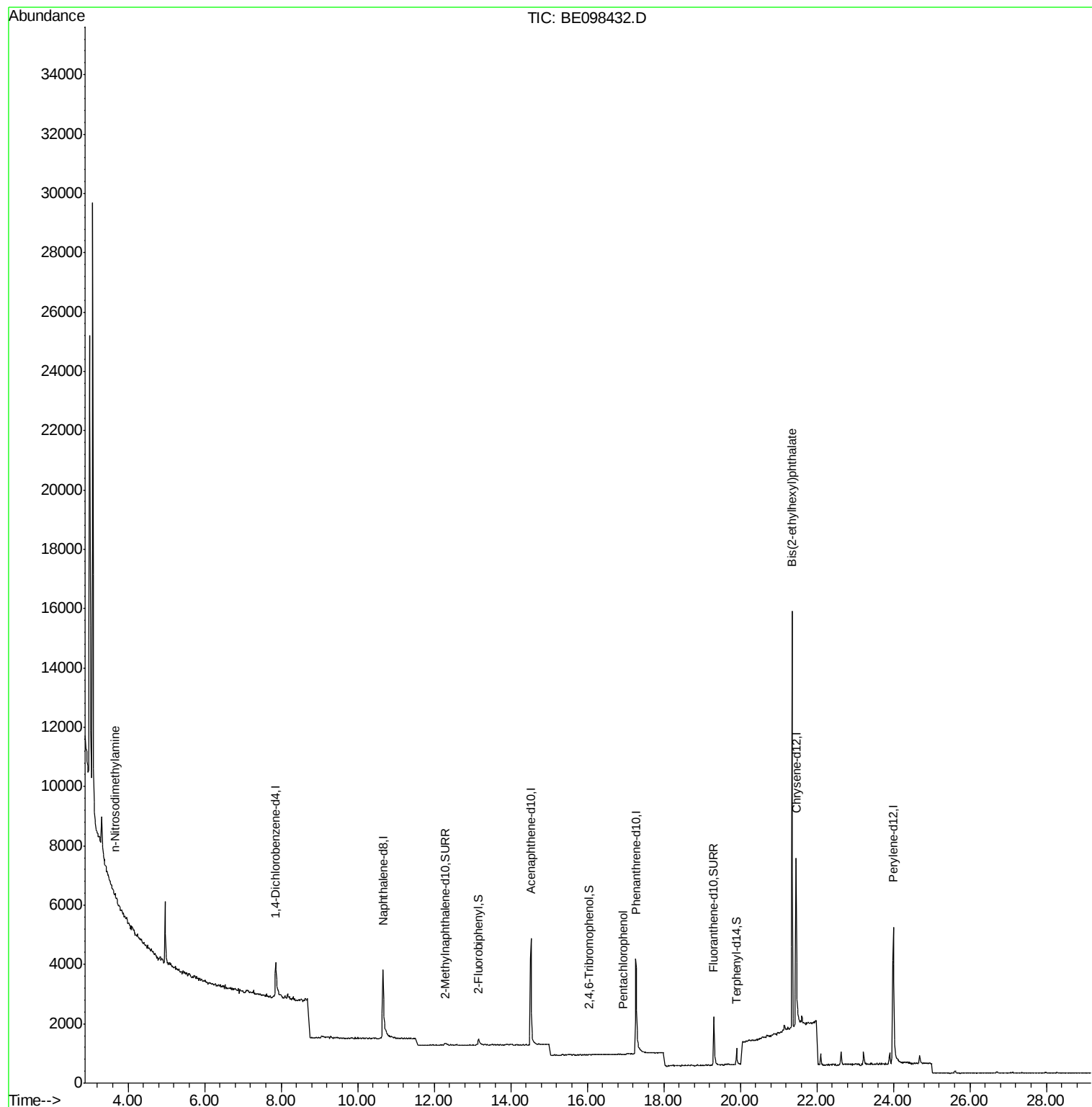
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	951	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4220	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2870	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7469	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8793	0.40	ng	0.00
34) Perylene-d12	24.00	264	8521	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	28	0.01	ng	0.01
5) Phenol-d6	6.99	99	5	0.00	ng	-0.06
8) Nitrobenzene-d5	9.07	82	63	0.02	ng	0.05
11) 2-Methylnaphthalene-d10	12.30	152	211	0.03	ng	0.03
14) 2,4,6-Tribromophenol	16.05	330	38	0.04	ng	0.02
15) 2-Fluorobiphenyl	13.16	172	509	0.04	ng	0.01
25) Fluoranthene-d10	19.31	212	3036	0.03	ng	0.00
29) Terphenyl-d14	19.90	244	657	0.03	ng	0.00
Target Compounds						
3) n-Nitrosodimethylamine	3.67	42	89	0.060	ng	# 100
22) Pentachlorophenol	16.94	266	6	0.025	ng	# 70
32) Bis(2-ethylhexyl)phthalate	21.35	149	15173	0.298	ng	99

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

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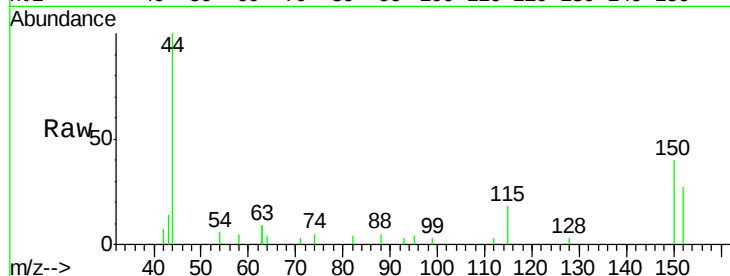


#1

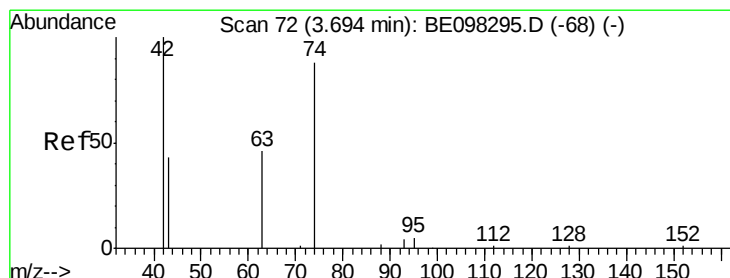
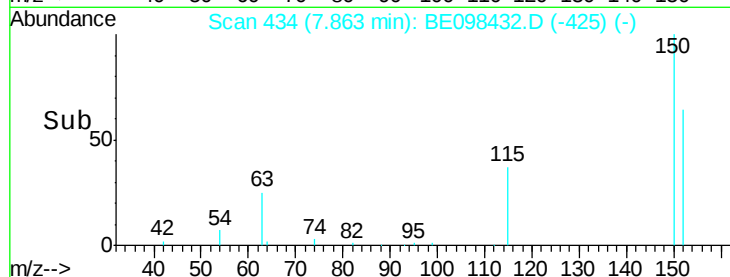
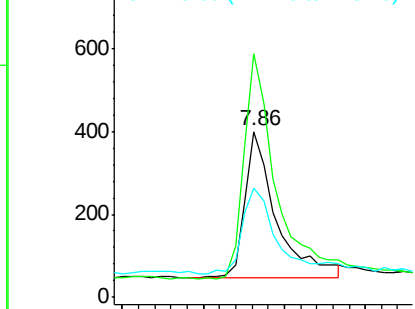
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098432.D
Acq: 14 Dec 2018 12:49

Instrument :
BNA_E
ClientSampleId :
RE-117D1-20181204RE

Tgt Ion: 152 Resp: 951
Ion Ratio Lower Upper
152 100
150 147.0 124.2 186.4
115 65.5 53.9 80.9



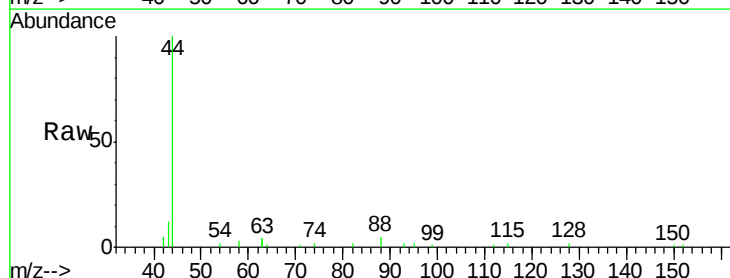
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



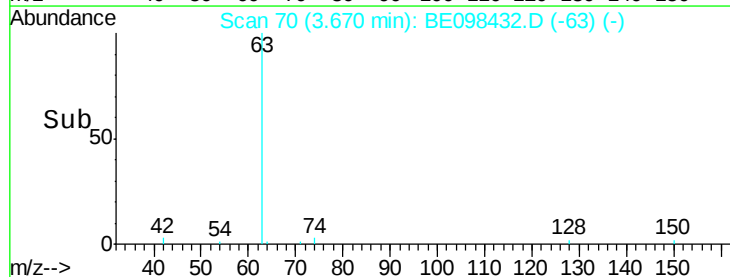
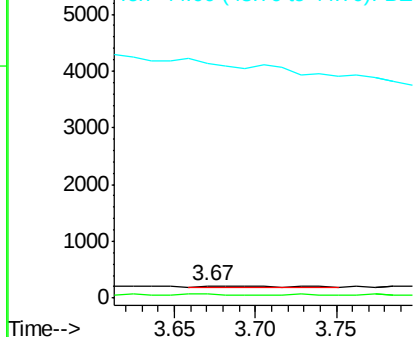
#3

n-Nitrosodimethylamine
Concen: 0.060 ng
RT: 3.67 min Scan# 70
Delta R.T. -0.02 min
Lab File: BE098432.D
Acq: 14 Dec 2018 12:49

Tgt Ion: 42 Resp: 89
Ion Ratio Lower Upper
42 100
74 12.4 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: 0.013 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20181204RE

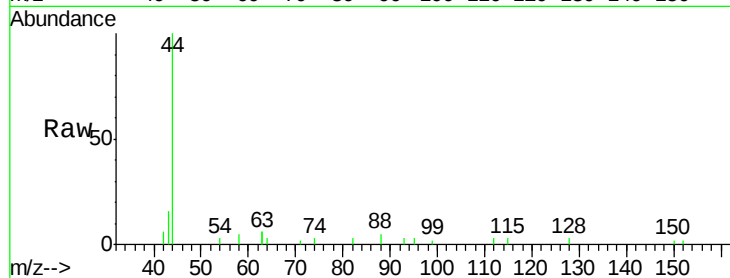
Tgt Ion: 112 Resp: 28

Ion Ratio Lower Upper

112 100

64 189.3 59.8 89.8#

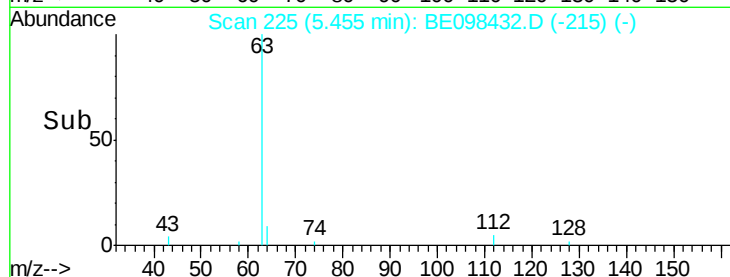
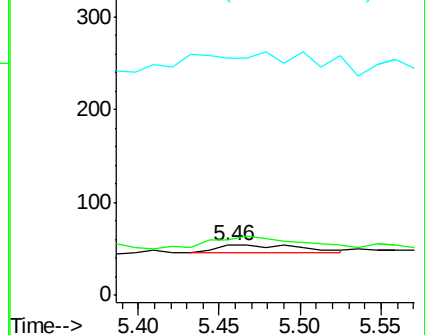
63 0.0 133.7 200.5#



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: 0.002 ng

RT: 6.99 min Scan# 358

Delta R.T. -0.06 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

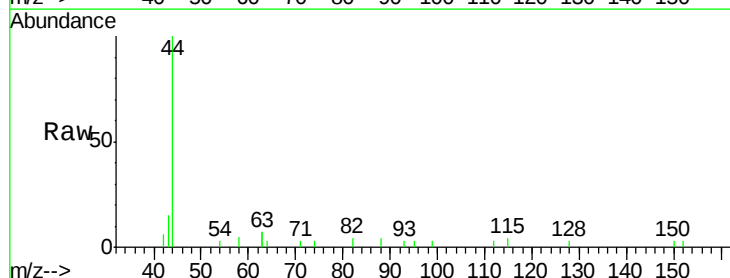
Tgt Ion: 99 Resp: 5

Ion Ratio Lower Upper

99 100

42 0.0 26.3 39.5#

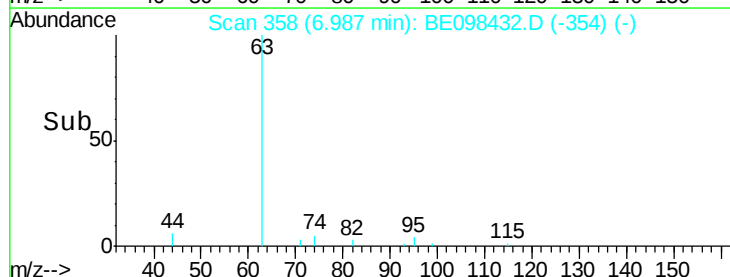
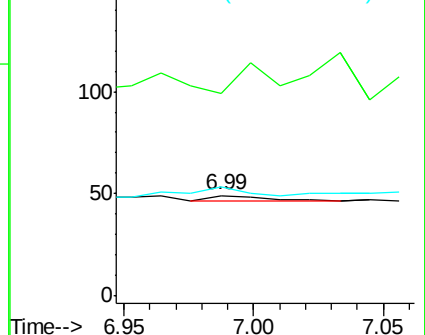
71 60.0 33.6 50.4#



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: BE098432.D

Acq: 14 Dec 2018 12:49

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20181204RE

Tgt Ion: 136 Resp: 4220

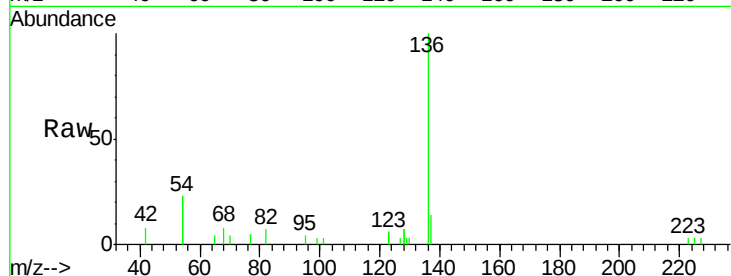
Ion Ratio Lower Upper

136 100

137 13.8 9.2 13.8#

54 46.6 28.4 42.6#

68 8.2 5.4 8.0#

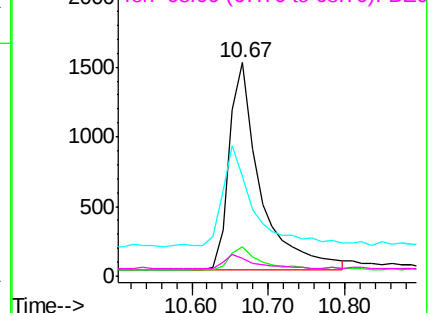
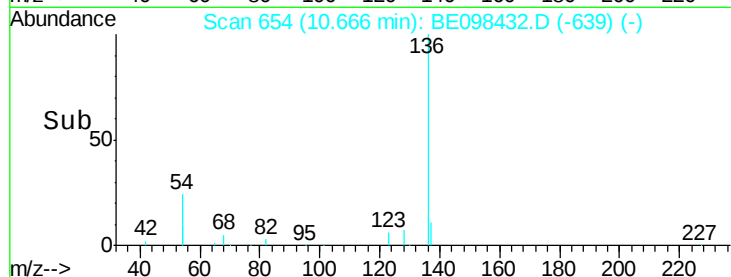


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.016 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

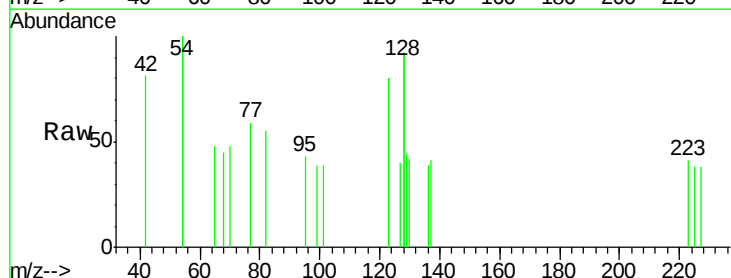
Tgt Ion: 82 Resp: 63

Ion Ratio Lower Upper

82 100

128 335.4 102.4 153.6#

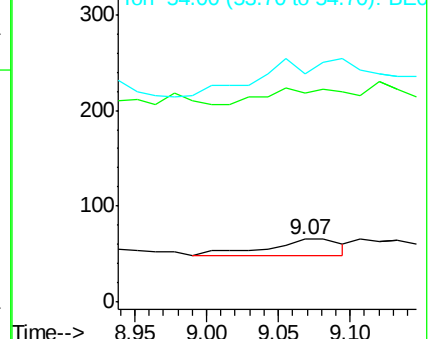
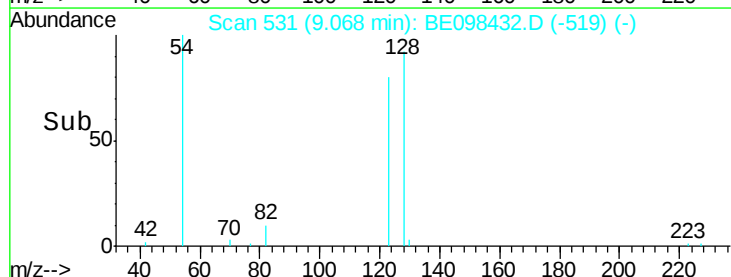
54 366.2 221.8 332.8#



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: 0.031 ng

RT: 12.30 min Scan# 769

Delta R.T. 0.03 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

Instrument :

BNA_E

ClientSampleId :

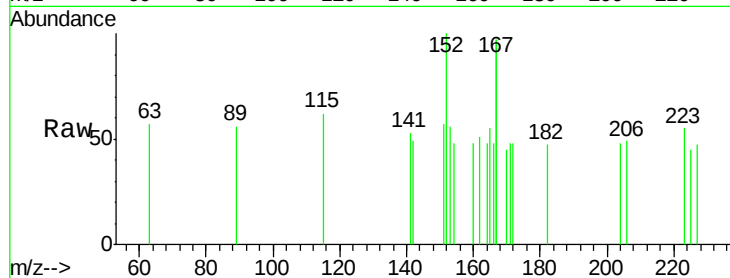
RE-117D1-20181204RE

Tgt Ion:152 Resp: 211

Ion Ratio Lower Upper

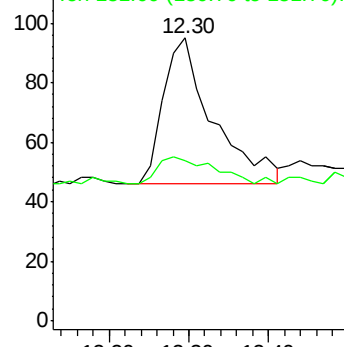
152 100

151 20.4 16.2 24.4

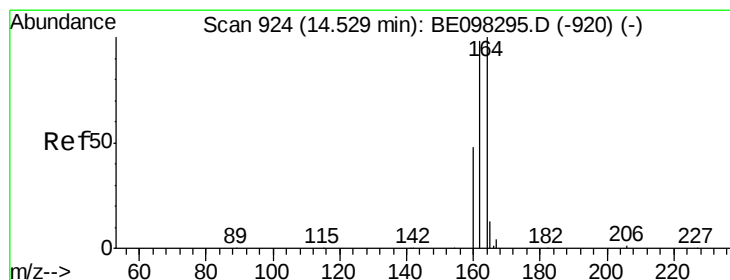
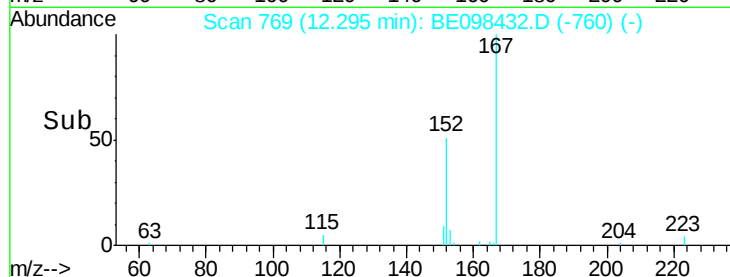


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

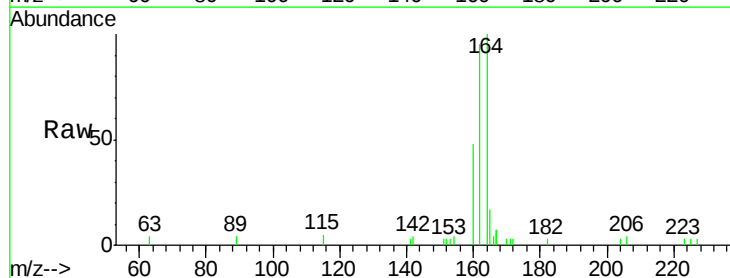
Tgt Ion:164 Resp: 2870

Ion Ratio Lower Upper

164 100

162 94.7 77.6 116.4

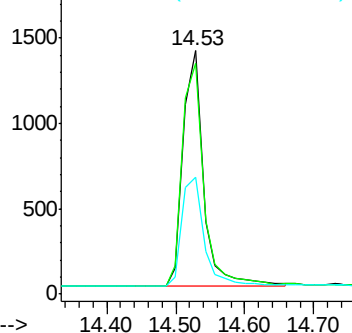
160 48.1 36.0 54.0



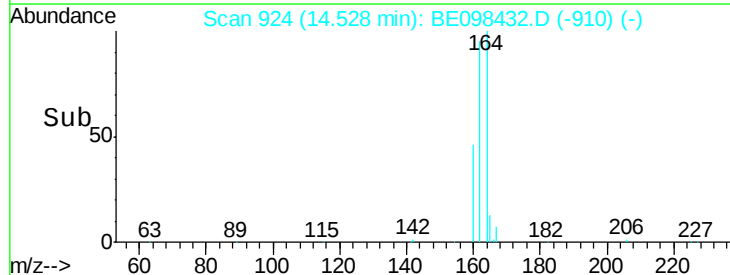
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->





#14

2,4,6-Tribromophenol

Concen: 0.036 ng

RT: 16.05 min Scan# 1043

Delta R.T. 0.02 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20181204RE

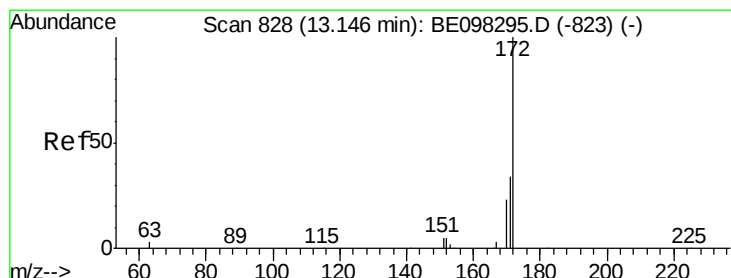
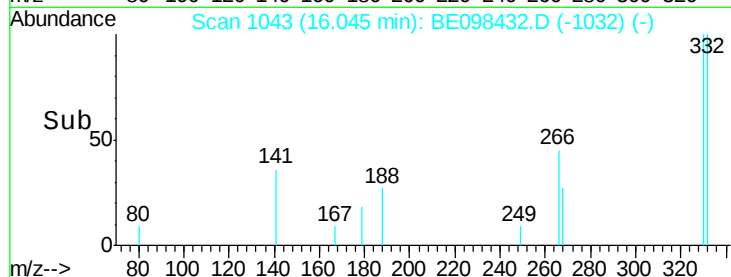
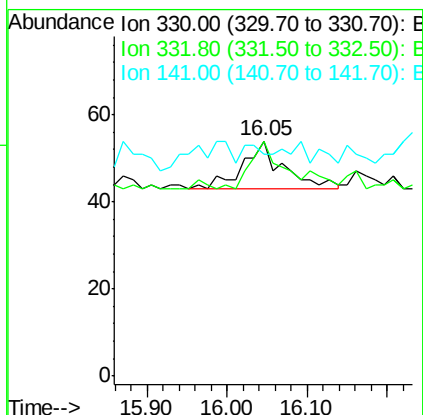
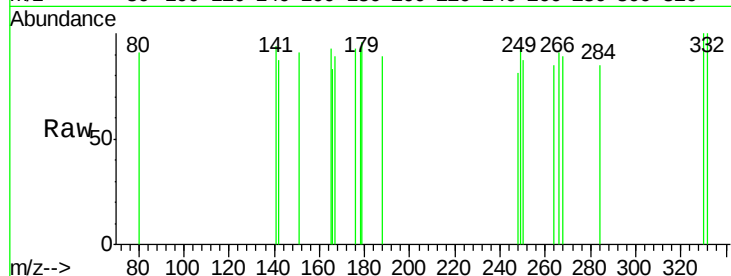
Tgt Ion:330 Resp: 38

Ion Ratio Lower Upper

330 100

332 73.7 76.2 114.4#

141 0.0 39.0 58.4#



#15

2-Fluorobiphenyl

Concen: 0.042 ng

RT: 13.16 min Scan# 829

Delta R.T. 0.01 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

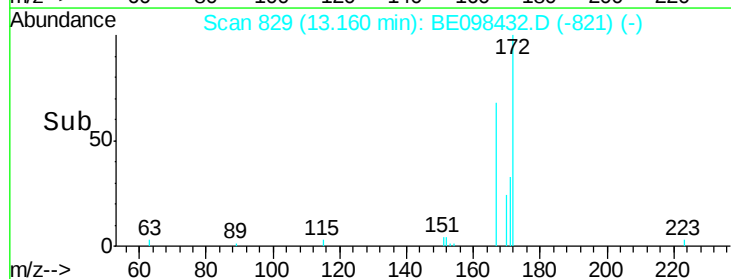
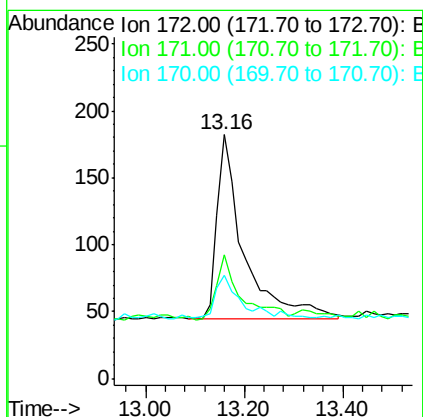
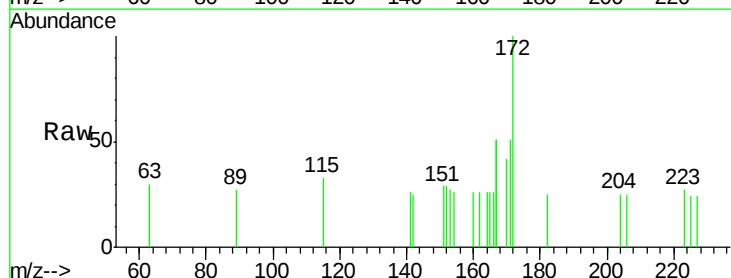
Tgt Ion:172 Resp: 509

Ion Ratio Lower Upper

172 100

171 51.1 27.5 41.3#

170 42.3 19.6 29.4#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20181204RE

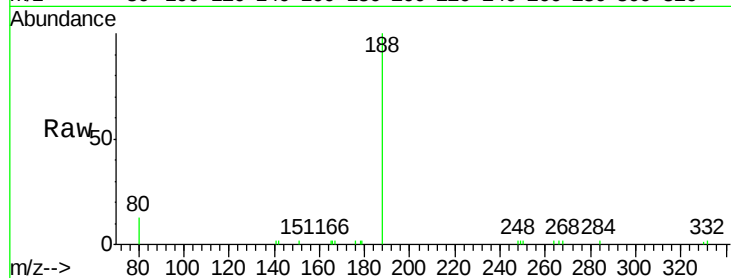
Tgt Ion:188 Resp: 7469

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

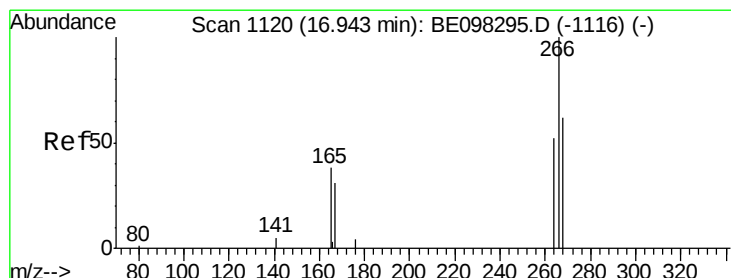
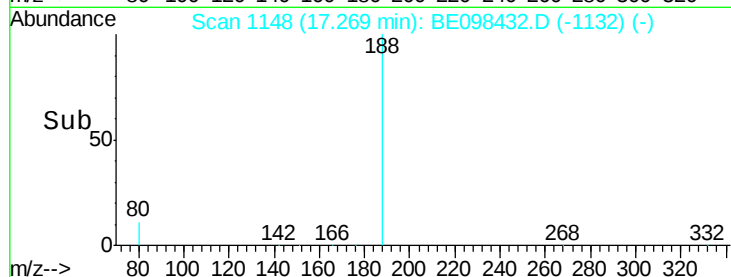
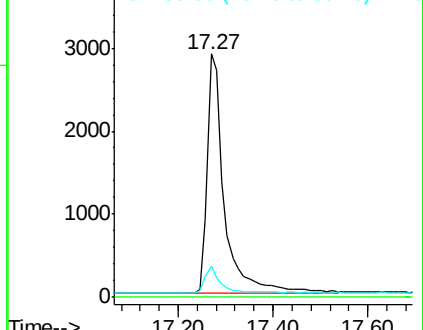
80 12.7 7.2 10.8#



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: 0.025 ng

RT: 16.94 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

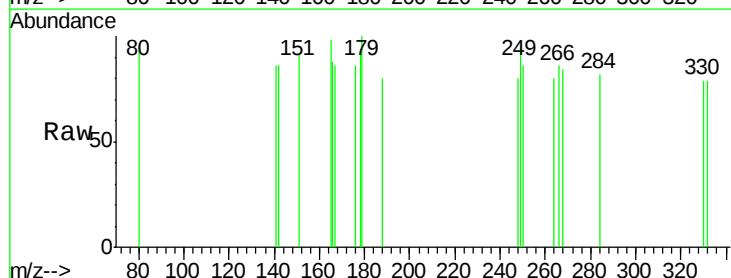
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 93.8 59.0 88.4#

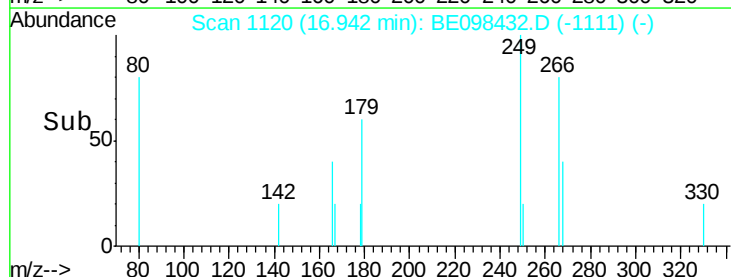
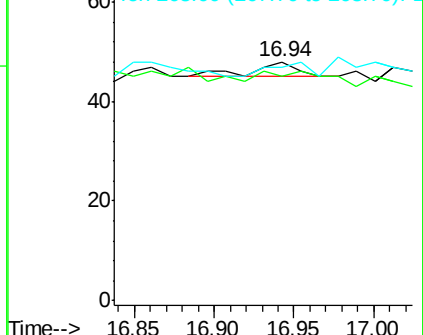
268 97.9 55.1 82.7#

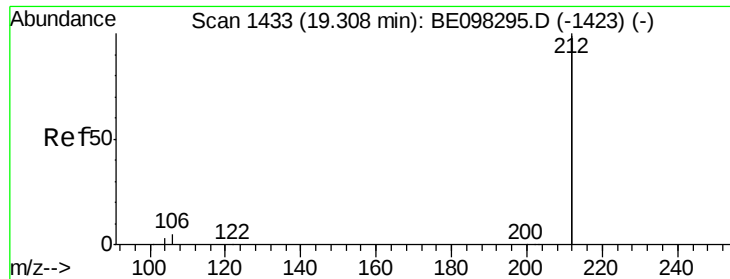


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E

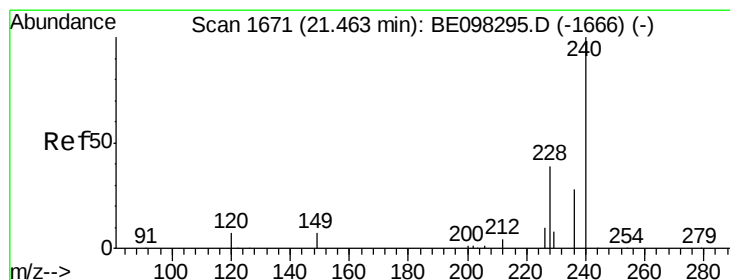
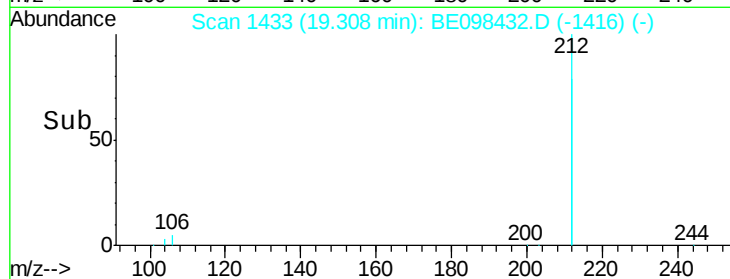
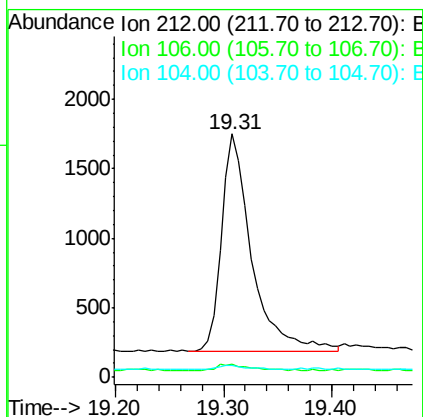
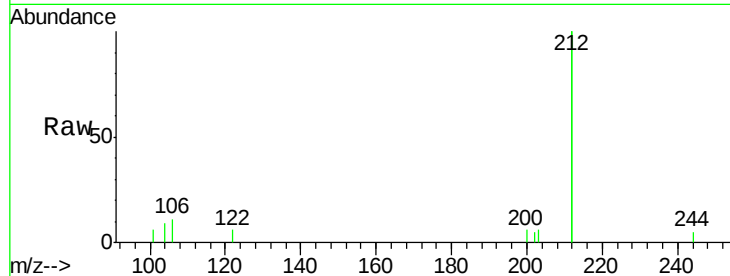




#25
 Fluoranthene-d10
 Concen: 0.032 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. -0.00 min
 Lab File: BE098432.D
 Acq: 14 Dec 2018 12:49

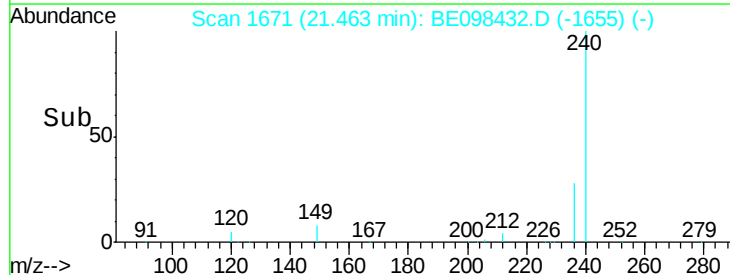
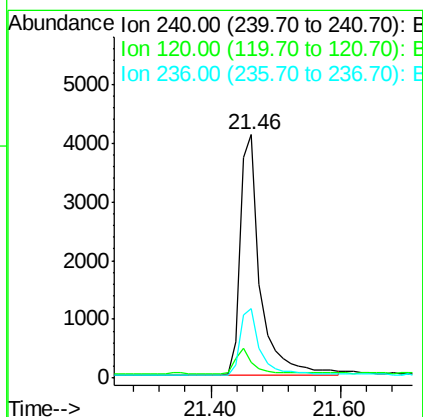
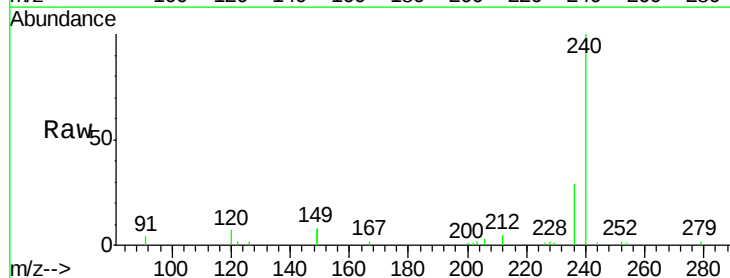
Instrument :
 BNA_E
 ClientSampleId :
 RE-117D1-20181204RE

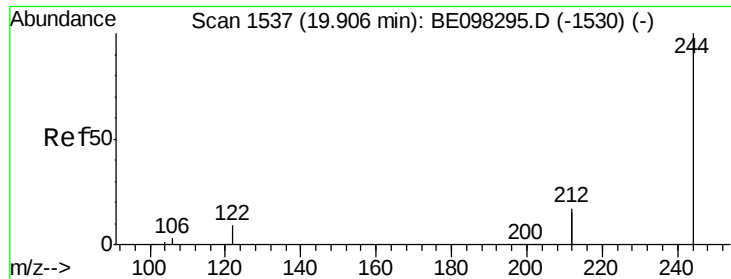
Tgt Ion: 212 Resp: 3036
 Ion Ratio Lower Upper
 212 100
 106 2.9 2.2 3.2
 104 2.0 1.3 1.9#



#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098432.D
 Acq: 14 Dec 2018 12:49

Tgt Ion: 240 Resp: 8793
 Ion Ratio Lower Upper
 240 100
 120 6.7 9.5 14.3#
 236 28.7 22.7 34.1





#29

Terphenyl-d14

Concen: 0.031 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20181204RE

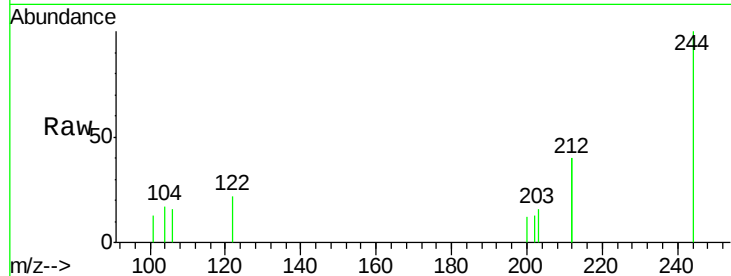
Tgt Ion:244 Resp: 657

Ion Ratio Lower Upper

244 100

212 80.9 27.4 41.0#

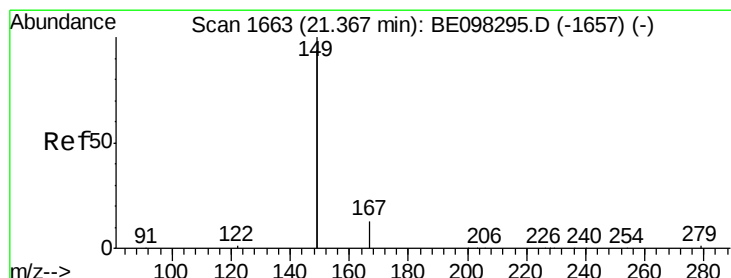
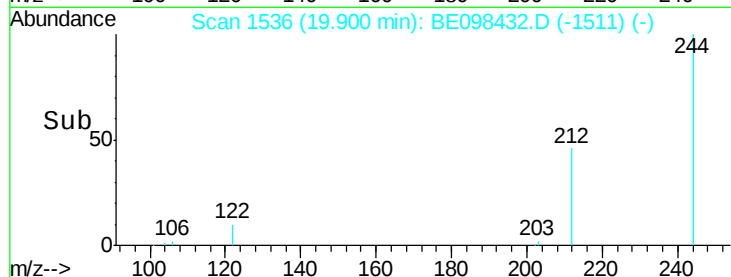
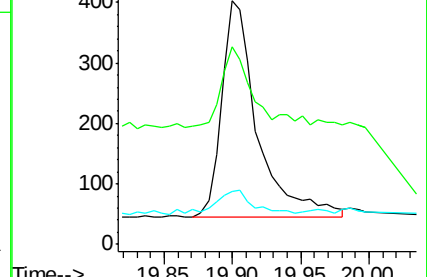
122 21.6 8.3 12.5#



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: 0.298 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098432.D

Acq: 14 Dec 2018 12:49

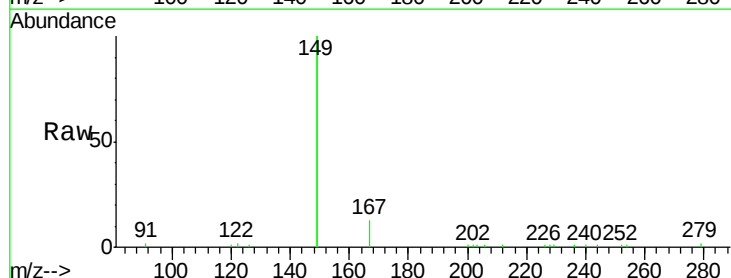
Tgt Ion:149 Resp: 15173

Ion Ratio Lower Upper

149 100

167 6.8 5.7 8.5

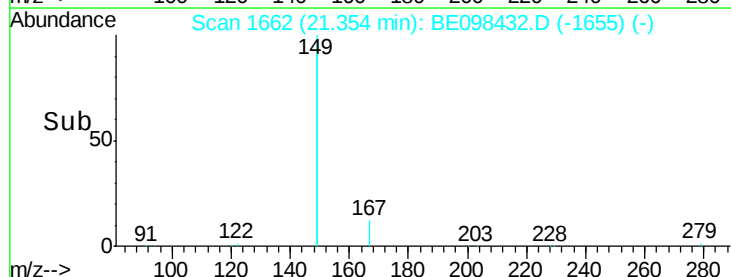
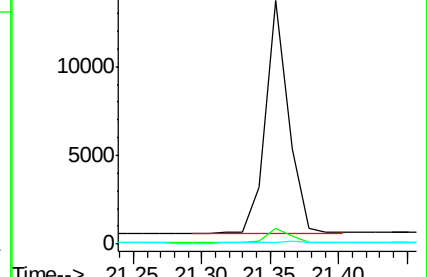
279 1.2 1.0 1.4

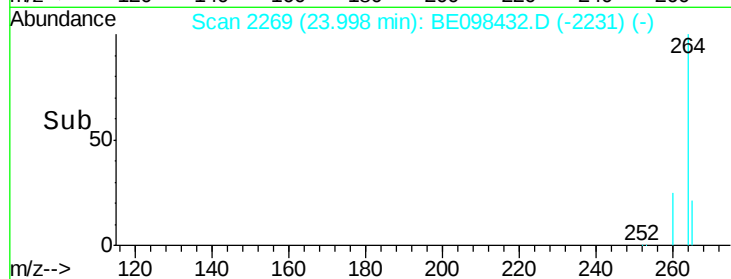
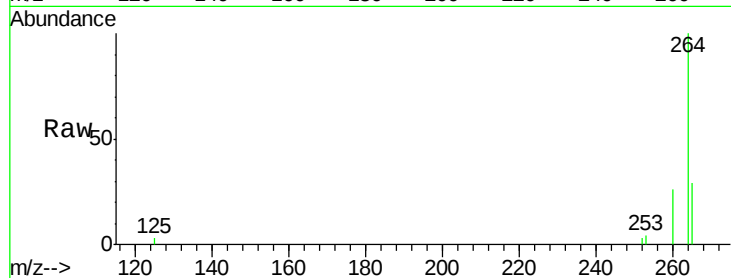


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE098432.D

Acq: 14 Dec 2018 12:49

Instrument :

BNA_E

ClientSampleId :

RE-117D1-20181204RE

Tgt Ion: 264 Resp: 8521

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 29.1 25.2 37.8

