

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098368.D
 Acq On : 12 Dec 2018 19:25
 Operator : SJ/JU
 Sample : J6324-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205

Quant Time: Dec 13 06:49:34 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

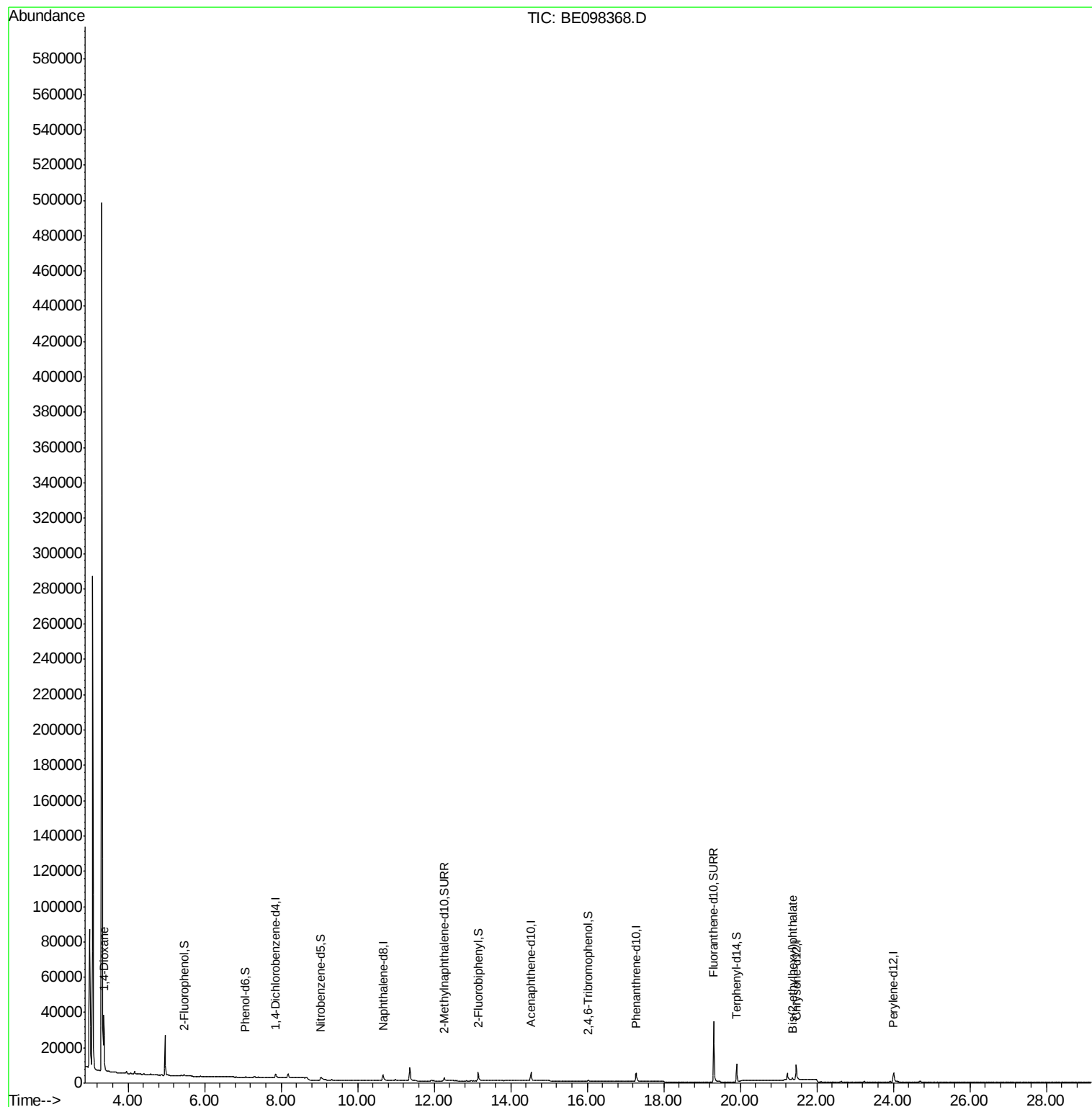
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1202	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5129	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3464	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	9291	0.40	ng	0.00
27) Chrysene-d12	21.46	240	10631	0.40	ng	0.00
34) Perylene-d12	24.01	264	10309	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	636	0.23	ng	0.01
5) Phenol-d6	7.07	99	390	0.10	ng	0.02
8) Nitrobenzene-d5	9.04	82	1696	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3709	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	569	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6767	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	54780	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	10445	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	14364	6.910	ng	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	1633	0.027	ng	99

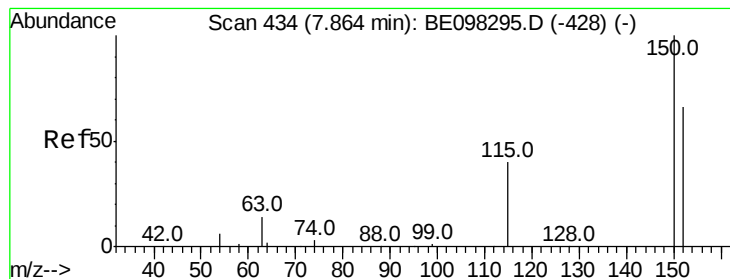
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
Data File : BE098368.D
Acq On : 12 Dec 2018 19:25
Operator : SJ/JU
Sample : J6324-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
RE-103D1-20181205

Quant Time: Dec 13 06:49:34 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





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.86 min Scan# 434

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

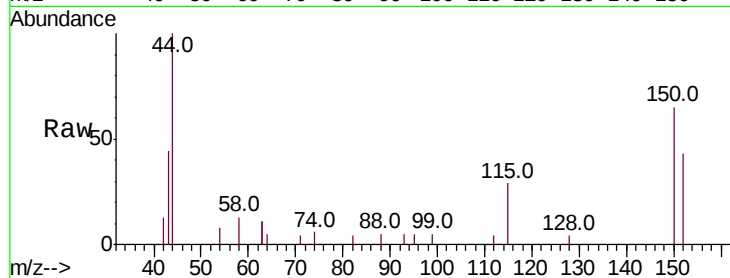
Tot Ion:152 Resp: 1202

Ion Ratio Lower Upper

152 100

150 151.0 124.2 186.4

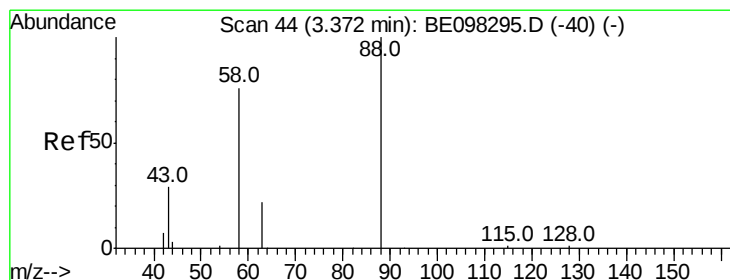
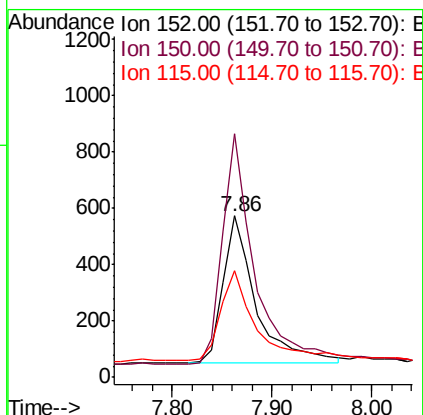
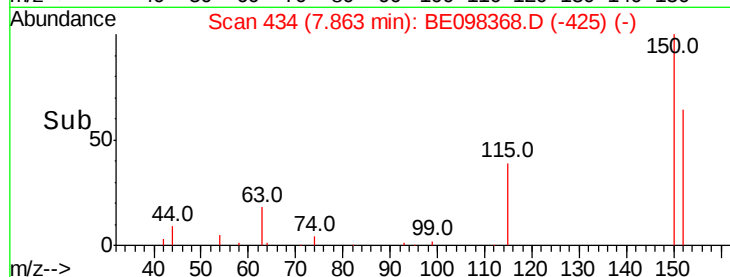
115 66.5 53.9 80.9



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



#2

1,4-Dioxane

Concen: 6.910 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

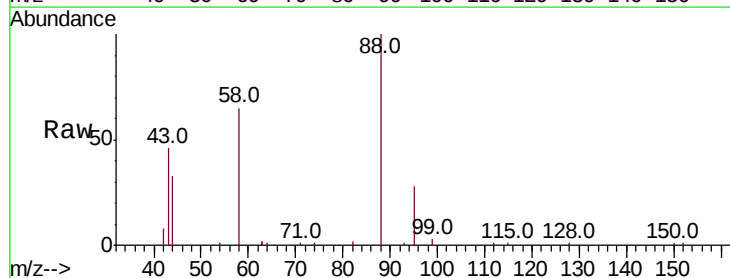
Tgt Ion: 88 Resp: 14364

Ion Ratio Lower Upper

88 100

58 91.8 75.0 112.6

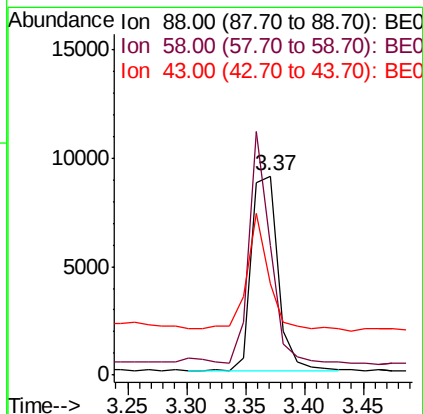
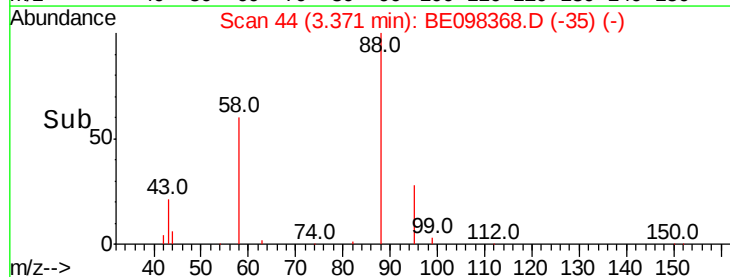
43 47.4 38.3 57.5

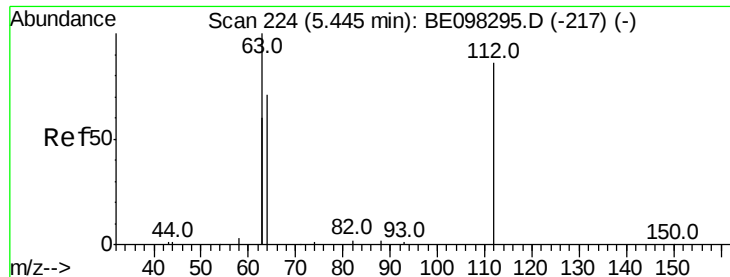


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.226 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

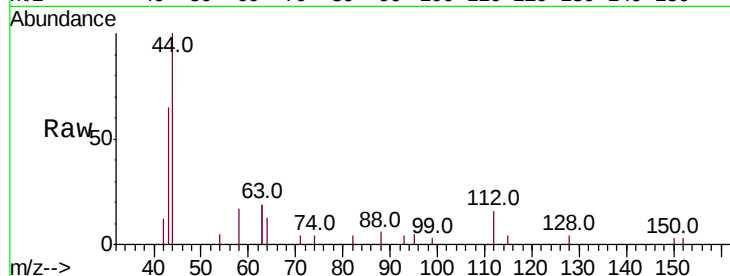
Tot Ion:112 Resp: 636

Ion Ratio Lower Upper

112 100

64 71.1 59.8 89.8

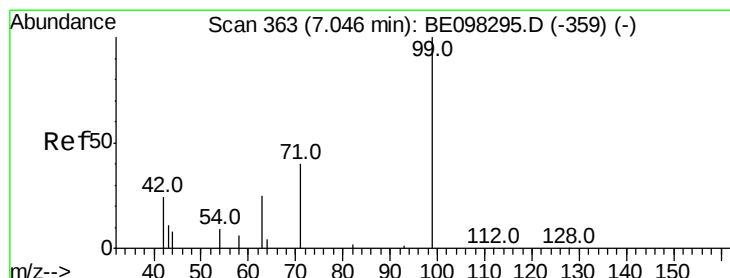
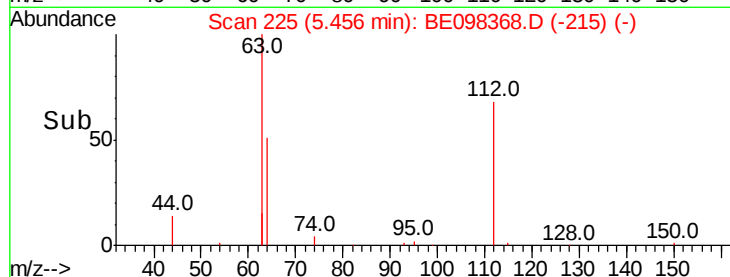
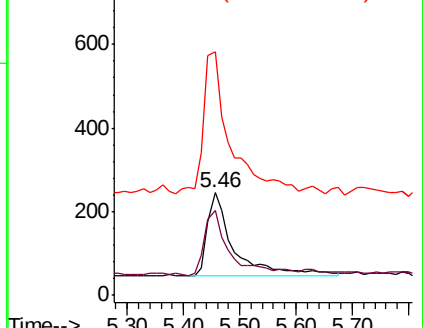
63 175.2 133.7 200.5



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: 0.098 ng

RT: 7.07 min Scan# 365

Delta R.T. 0.02 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

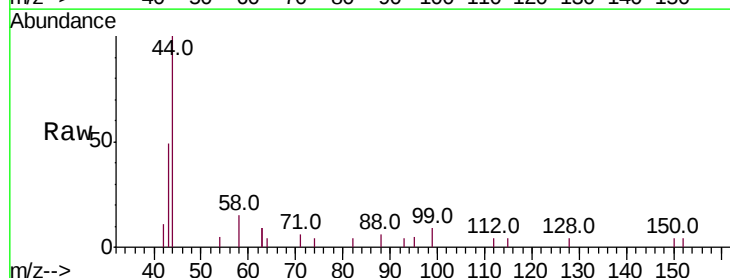
Tgt Ion: 99 Resp: 390

Ion Ratio Lower Upper

99 100

42 16.2 26.3 39.5#

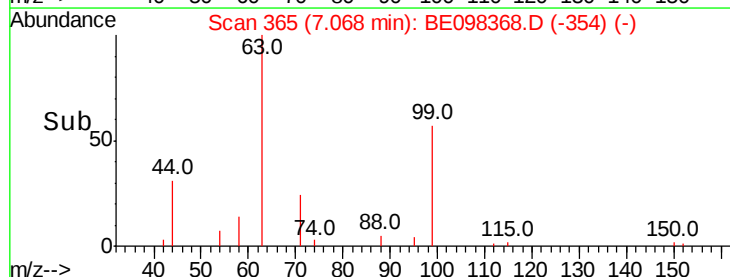
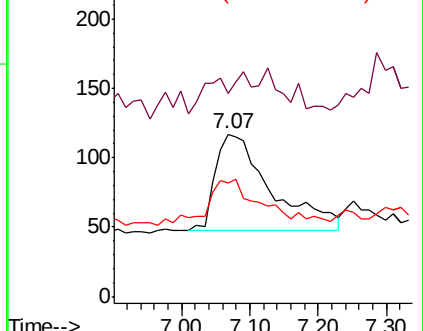
71 0.0 33.6 50.4#

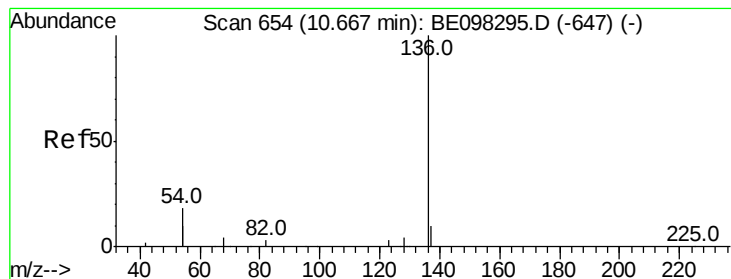


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

Tot Ion:136 Resp: 5129

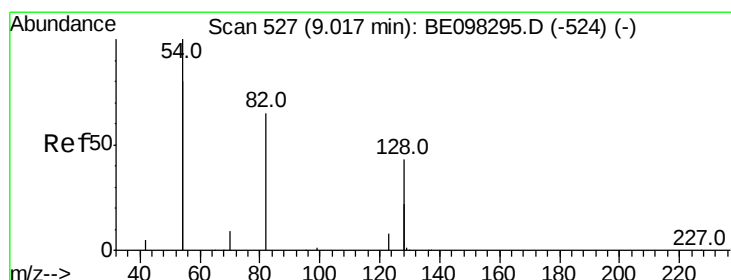
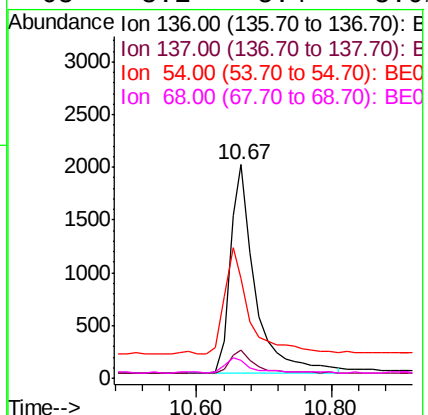
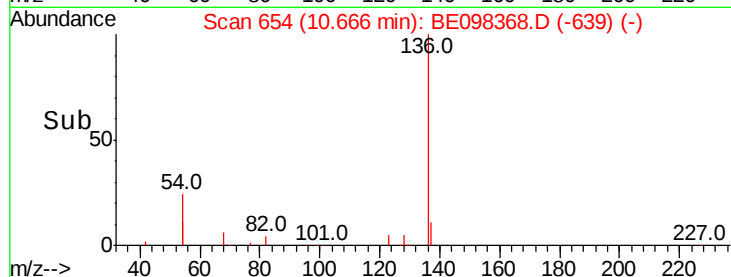
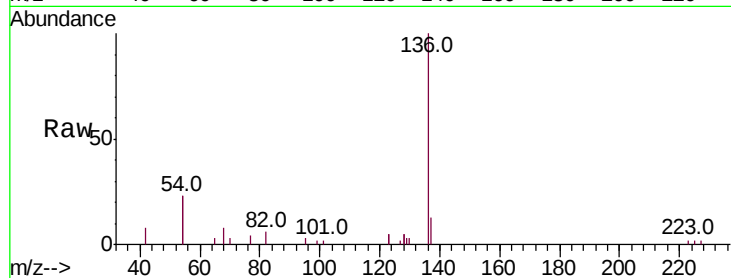
Ion Ratio Lower Upper

136 100

137 13.2 9.2 13.8

54 46.6 28.4 42.6#

68 8.1 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.363 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

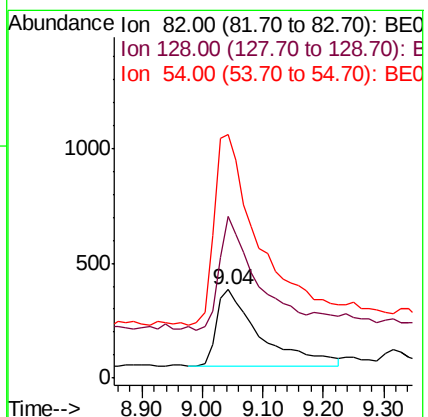
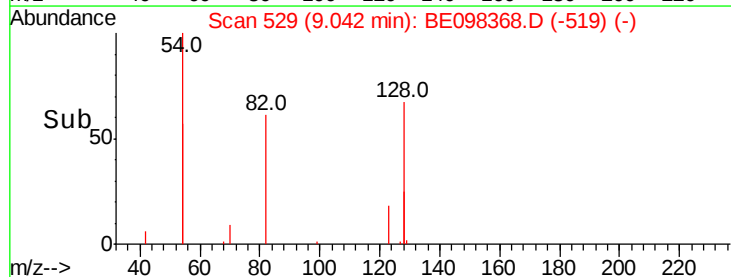
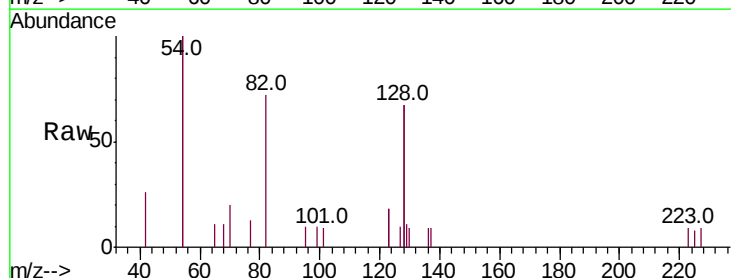
Tgt Ion: 82 Resp: 1696

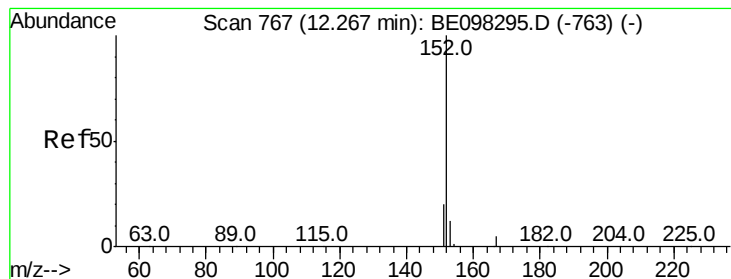
Ion Ratio Lower Upper

82 100

128 183.9 102.4 153.6#

54 276.0 221.8 332.8





#11

2-Methylnaphthalene-d10

Concen: 0.445 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

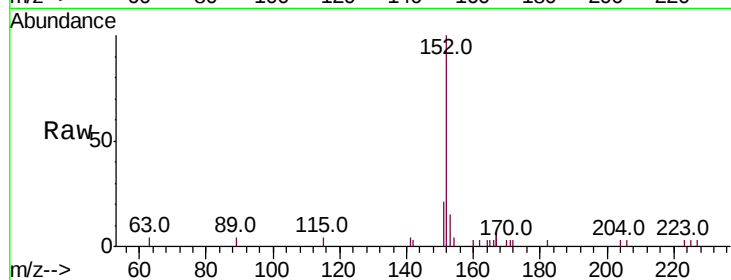
RE-103D1-20181205

Tot Ion:152 Resp: 3709

Ion Ratio Lower Upper

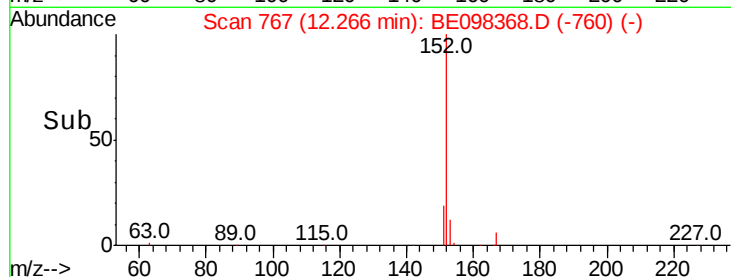
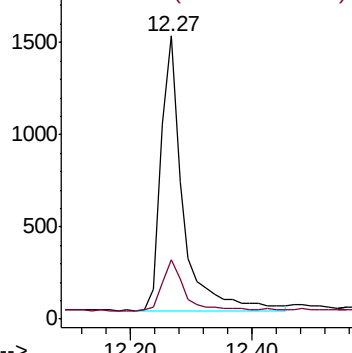
152 100

151 18.8 16.2 24.4

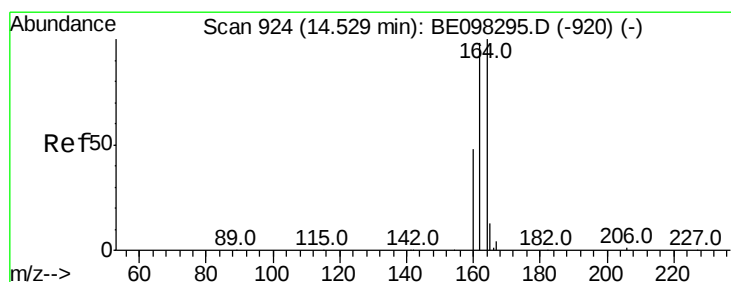


Abundance Ion 152.00 (151.70 to 152.70): E

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: BE098368.D

Acq: 12 Dec 2018 19:25

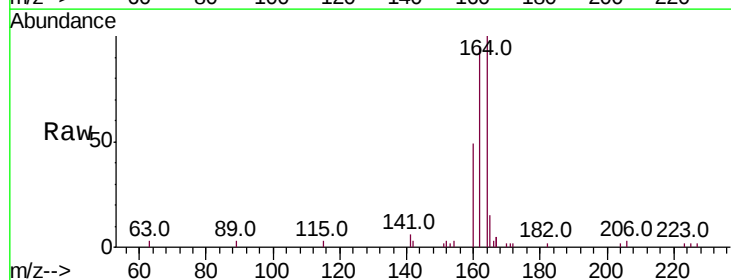
Tgt Ion:164 Resp: 3464

Ion Ratio Lower Upper

164 100

162 94.8 77.6 116.4

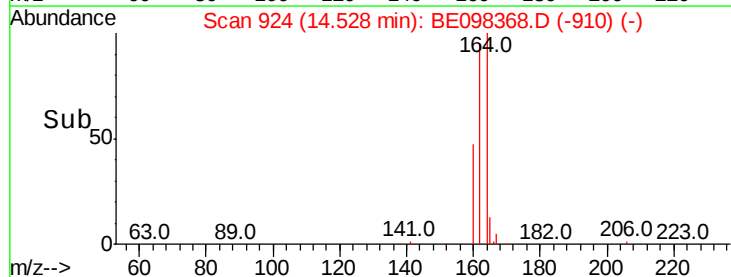
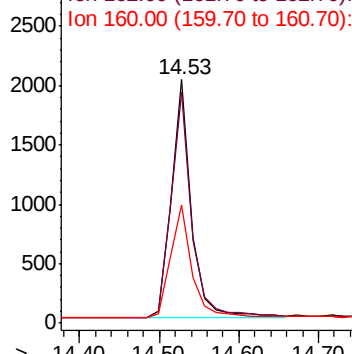
160 48.6 36.0 54.0



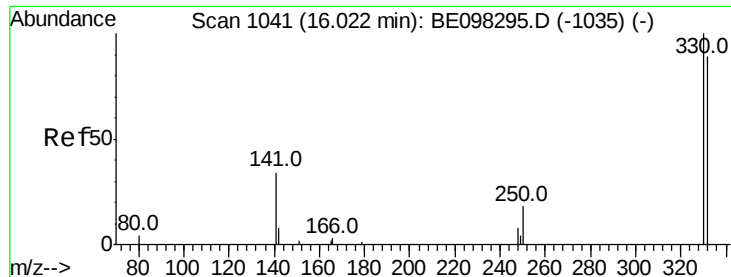
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



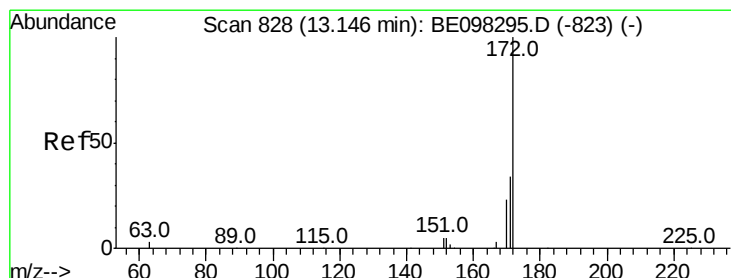
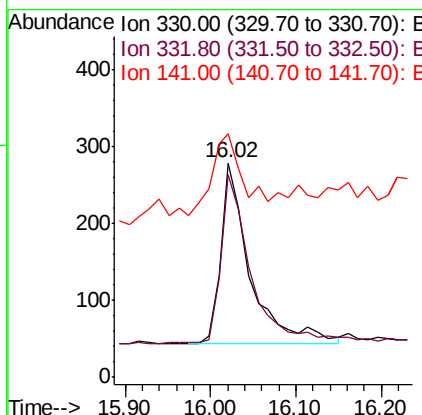
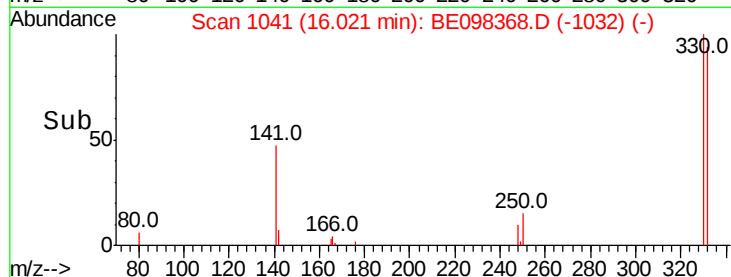
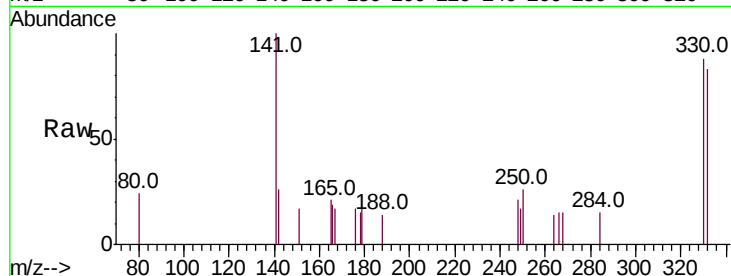
Time-->



#14
 2,4,6-Tribromophenol
 Concen: 0.447 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098368.D
 Acq: 12 Dec 2018 19:25

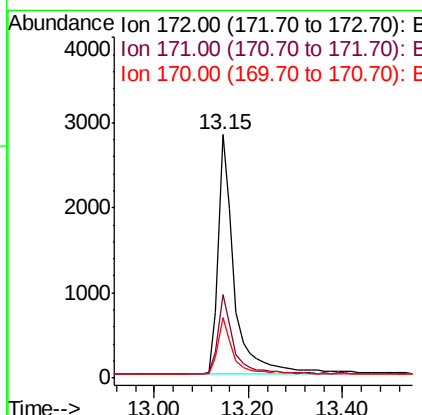
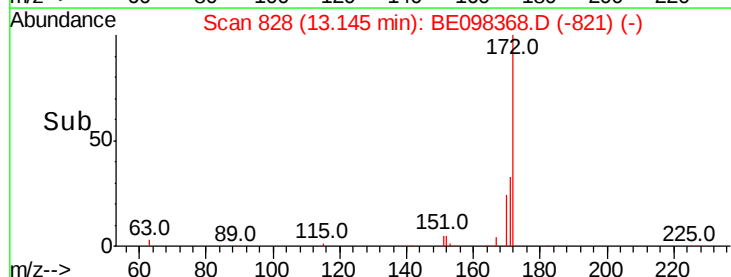
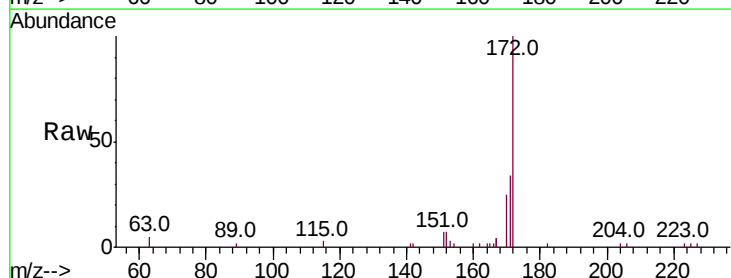
Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205

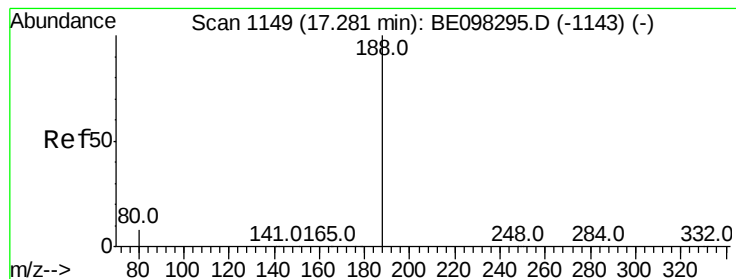
Tot Ion:330 Resp: 569
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.4
 141 48.9 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.463 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098368.D
 Acq: 12 Dec 2018 19:25

Tgt Ion:172 Resp: 6767
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.5 41.3
 170 25.0 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: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

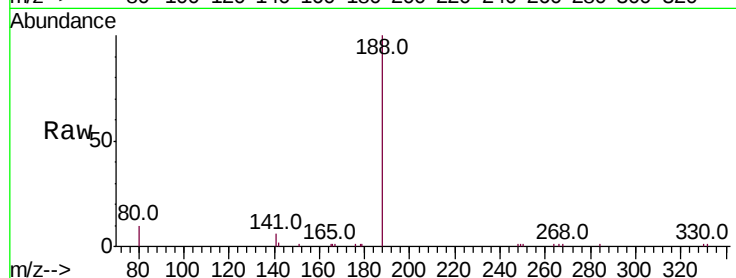
Tot Ion:188 Resp: 9291

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

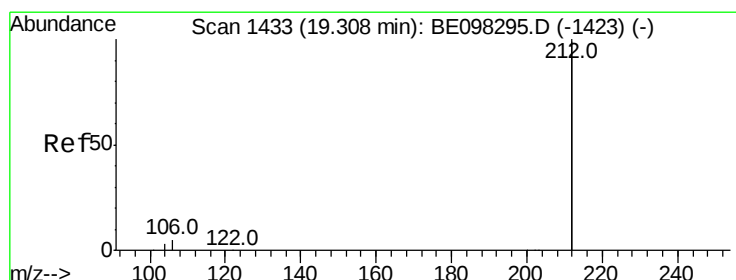
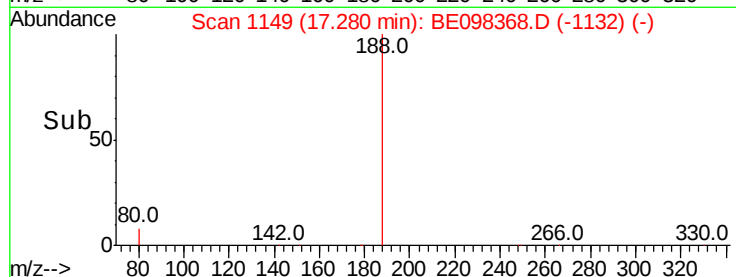
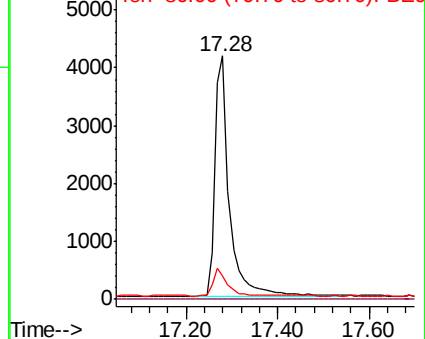
80 9.8 7.2 10.8



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



#25

Fluoranthene-d10

Concen: 0.460 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

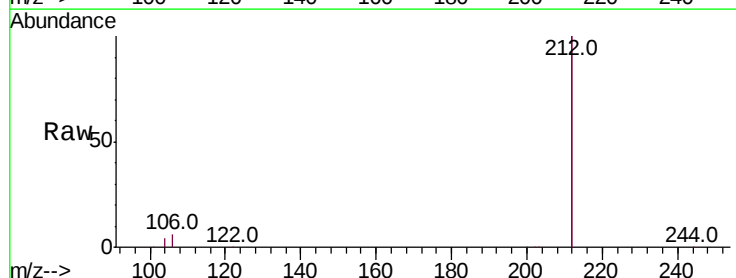
Tgt Ion:212 Resp: 54780

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

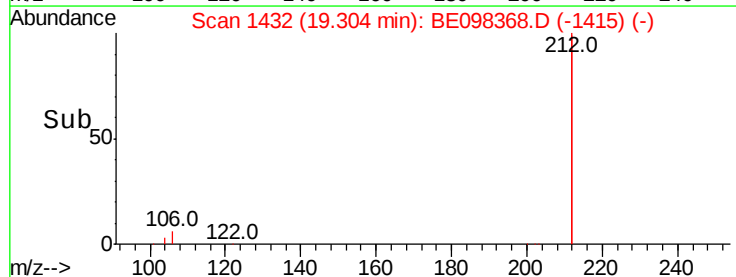
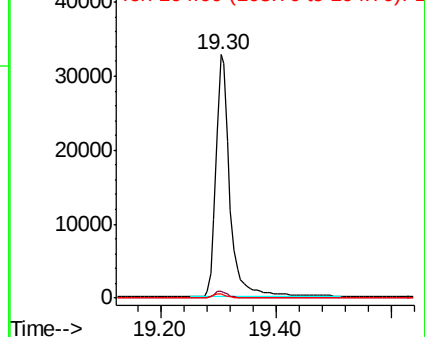
104 1.5 1.3 1.9

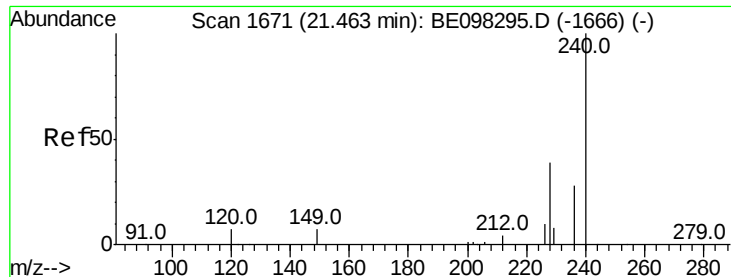


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

Instrument :

BNA_E

ClientSampleId :

RE-103D1-20181205

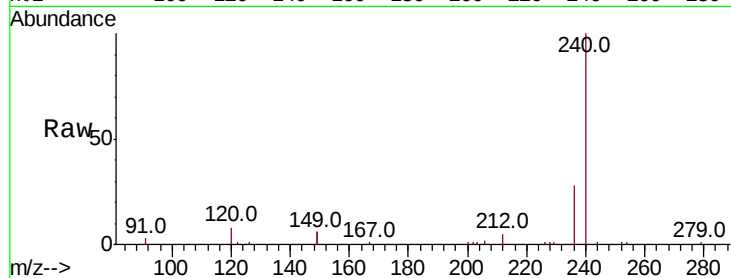
Tot Ion:240 Resp: 10631

Ion Ratio Lower Upper

240 100

120 7.8 9.5 14.3#

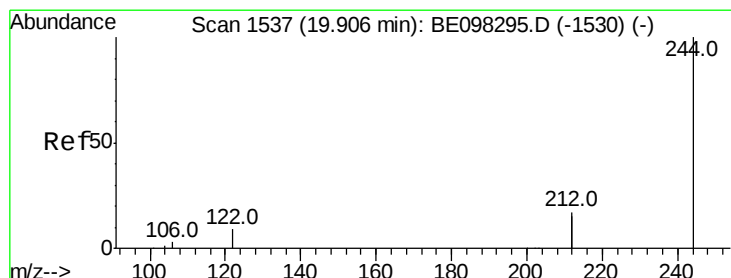
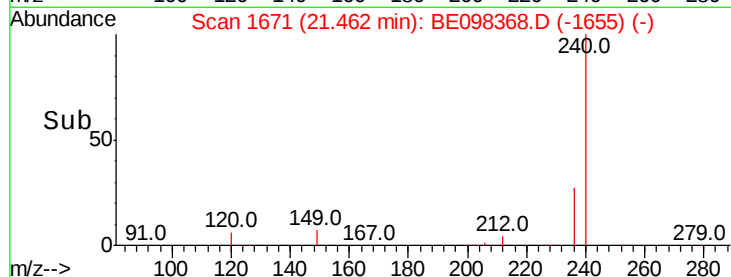
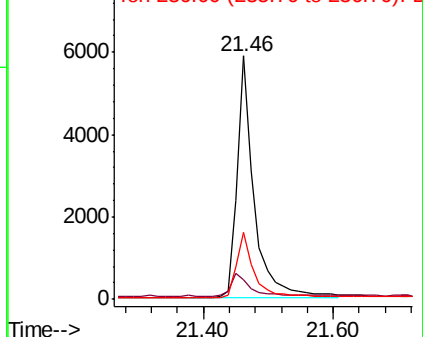
236 27.7 22.7 34.1



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: 0.404 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098368.D

Acq: 12 Dec 2018 19:25

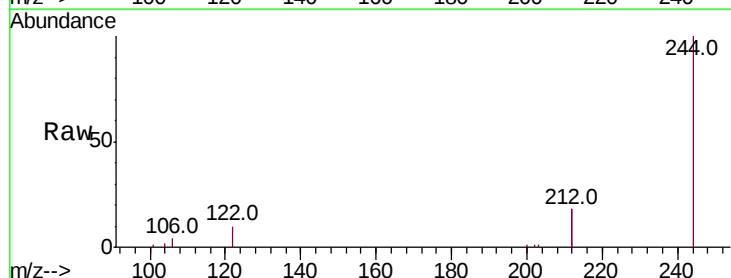
Tgt Ion:244 Resp: 10445

Ion Ratio Lower Upper

244 100

212 35.6 27.4 41.0

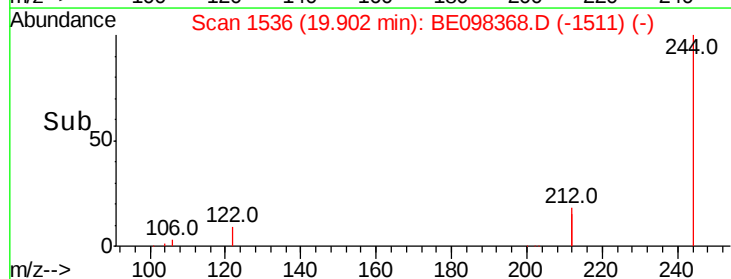
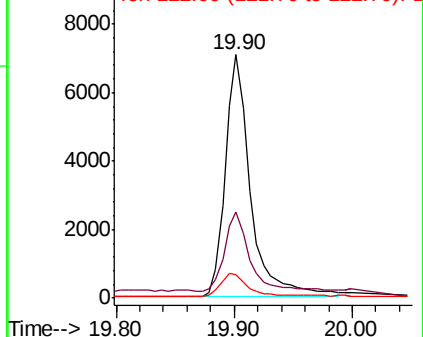
122 9.6 8.3 12.5

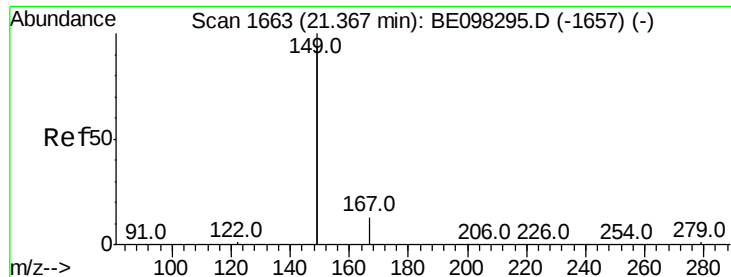


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

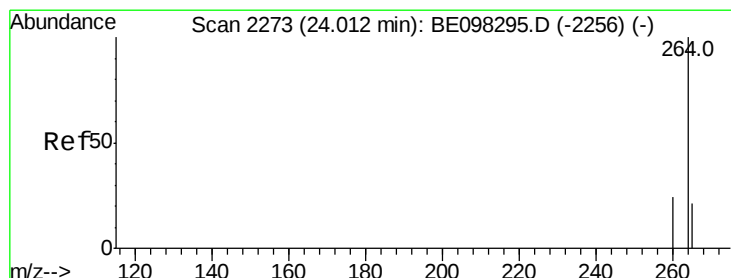
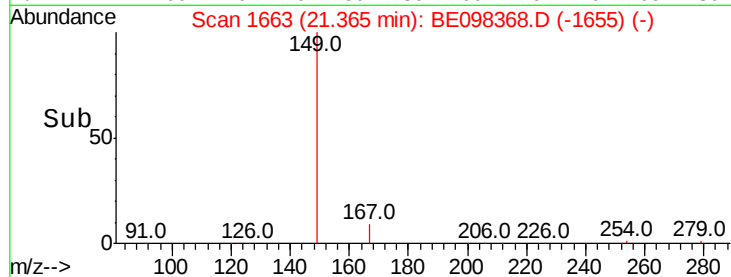
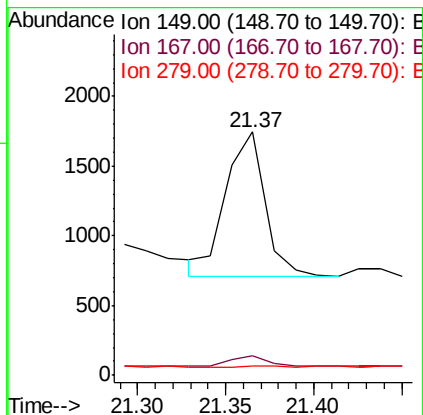
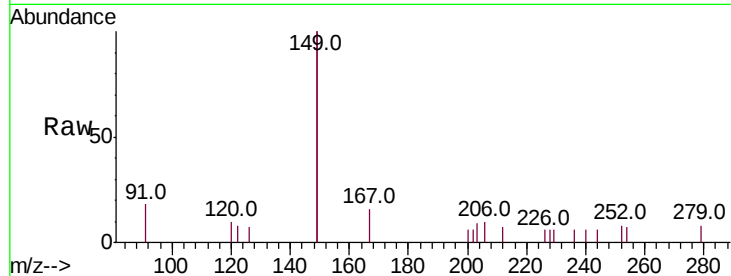




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.027 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098368.D
 Acq: 12 Dec 2018 19:25

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D1-20181205

Tot Ion:149 Resp: 1633
 Ion Ratio Lower Upper
 149 100
 167 7.6 5.7 8.5
 279 1.2 1.0 1.4



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098368.D
 Acq: 12 Dec 2018 19:25

Tgt Ion:264 Resp: 10309
 Ion Ratio Lower Upper
 264 100
 260 26.0 20.2 30.2
 265 27.4 25.2 37.8

