

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE121218\
 Data File : BE098366.D
 Acq On : 12 Dec 2018 18:10
 Operator : SJ/JU
 Sample : J6324-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D2-20181205

Quant Time: Dec 13 05:52:39 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

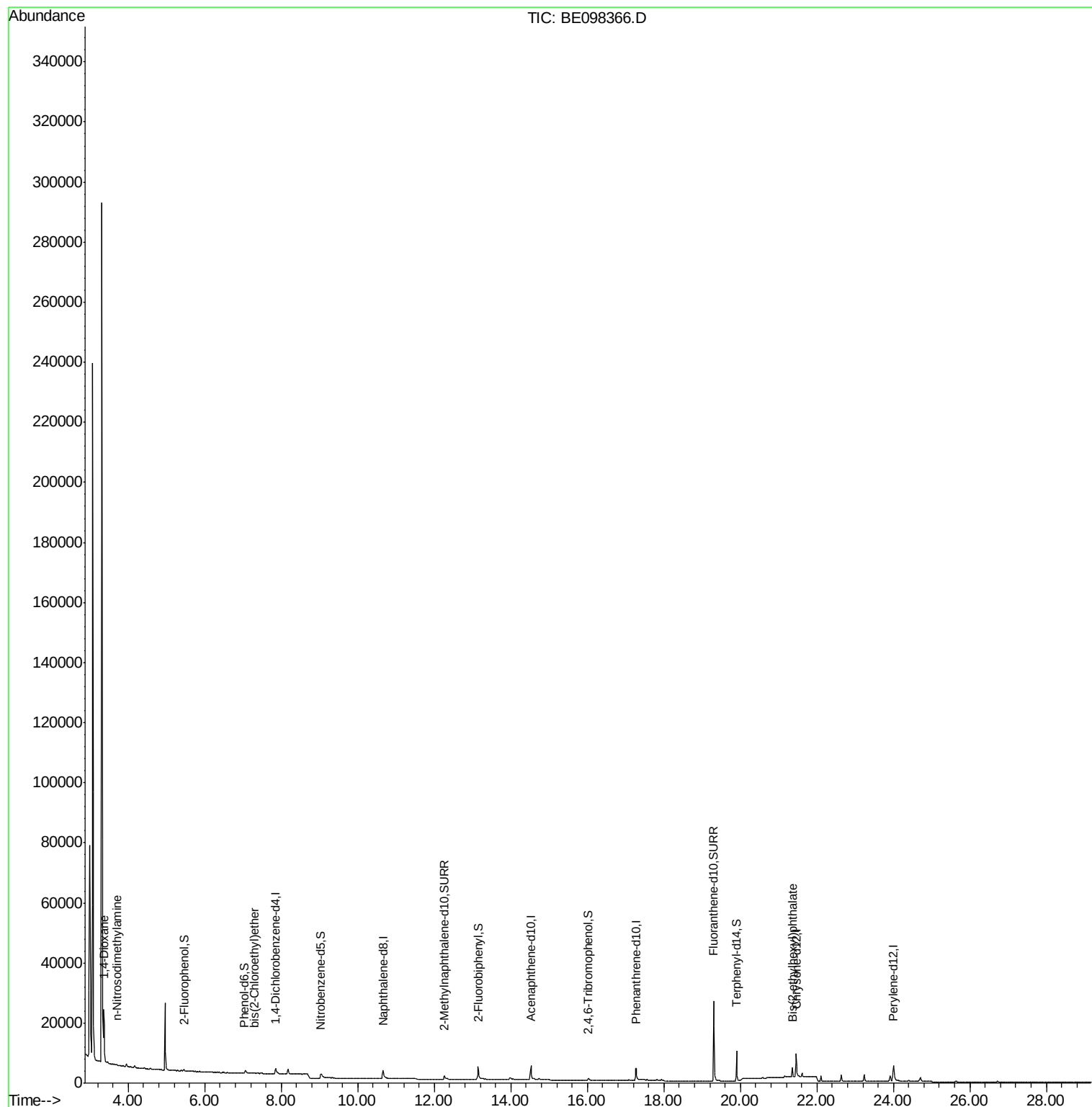
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1089	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4507	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3025	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8140	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9923	0.40	ng	0.00
34) Perylene-d12	24.01	264	9515	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	450	0.18	ng	0.00
5) Phenol-d6	7.04	99	413	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	1382	0.34	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2815	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	495	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5833	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	42571	0.41	ng	0.00
29) Terphenyl-d14	19.90	244	9459	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	8291	4.402	ng	Qvalue 98
3) n-Nitrosodimethylamine	3.70	42	50	0.029	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	83	0.024	ng	# 61
32) Bis(2-ethylhexyl)phthalate	21.37	149	4875	0.085	ng	99

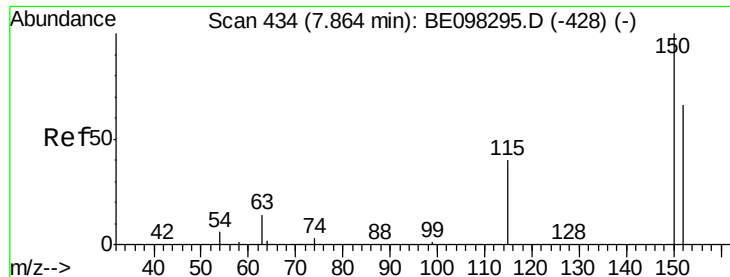
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098366.D

Acq: 12 Dec 2018 18:10

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205

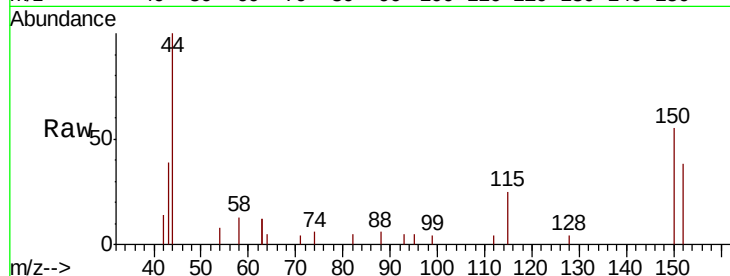
Tgt Ion: 152 Resp: 1089

Ion Ratio Lower Upper

152 100

150 142.7 124.2 186.4

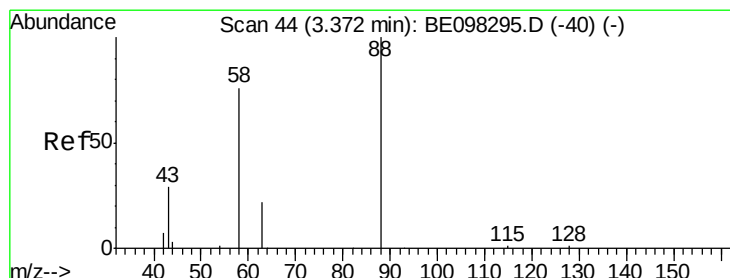
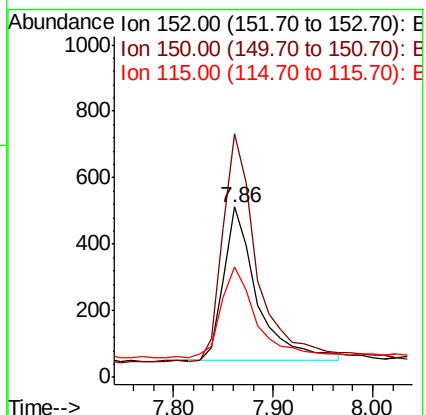
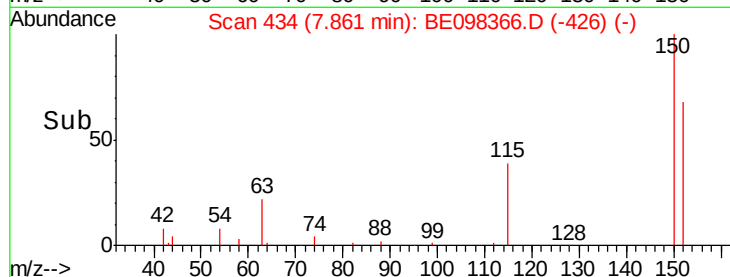
115 64.5 53.9 80.9



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: 4.402 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

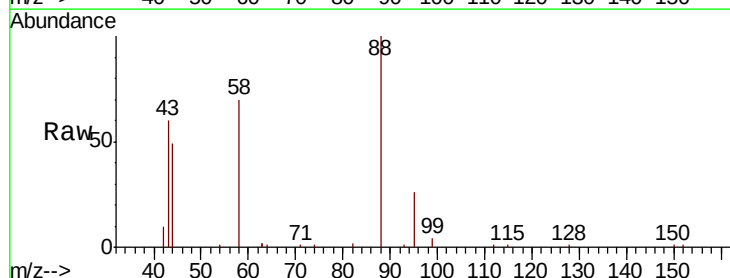
Tgt Ion: 88 Resp: 8291

Ion Ratio Lower Upper

88 100

58 94.3 75.0 112.6

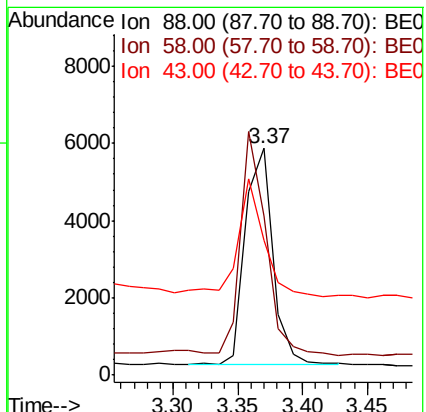
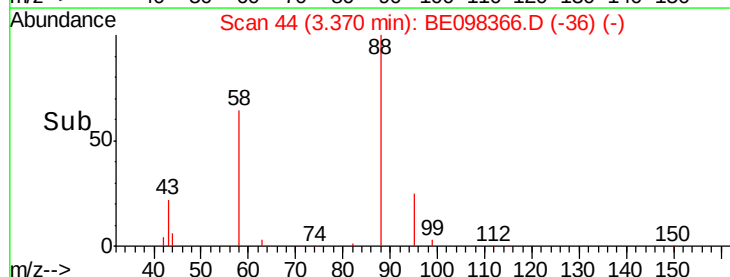
43 52.0 38.3 57.5

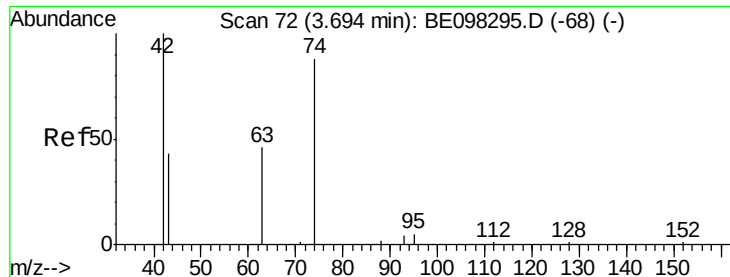


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.029 ng

RT: 3.70 min Scan# 73

Delta R.T. 0.01 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205

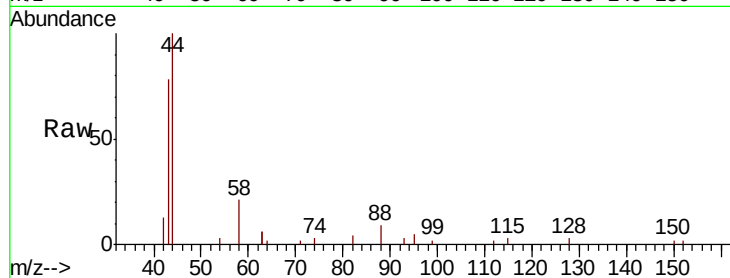
Tgt Ion: 42 Resp: 50

Ion Ratio Lower Upper

42 100

74 20.0 0.0 0.0#

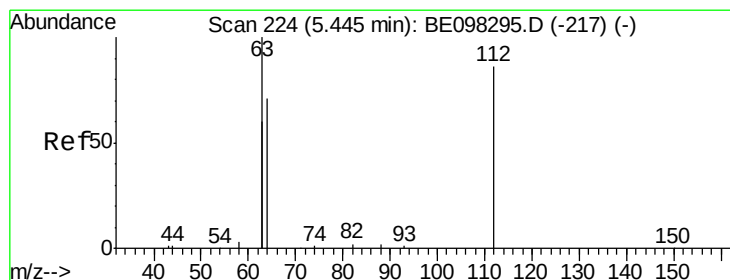
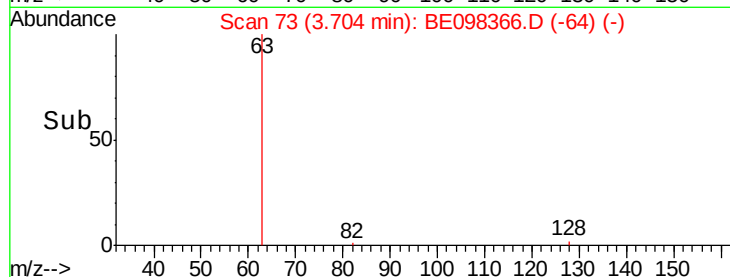
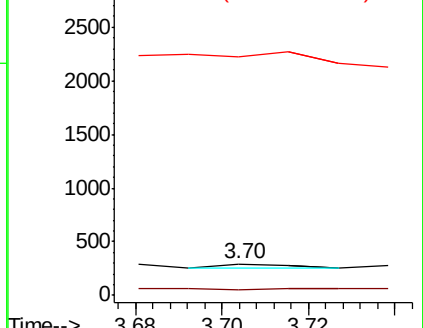
44 0.0 0.0 0.0



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: 0.177 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

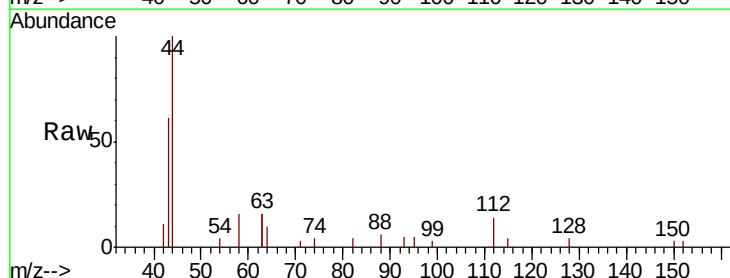
Tgt Ion: 112 Resp: 450

Ion Ratio Lower Upper

112 100

64 83.1 59.8 89.8

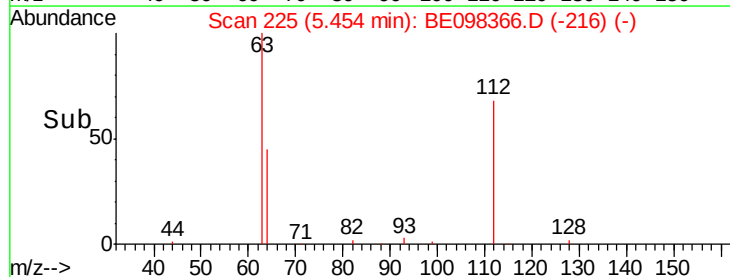
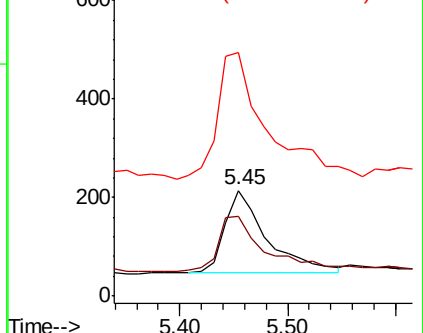
63 188.0 133.7 200.5

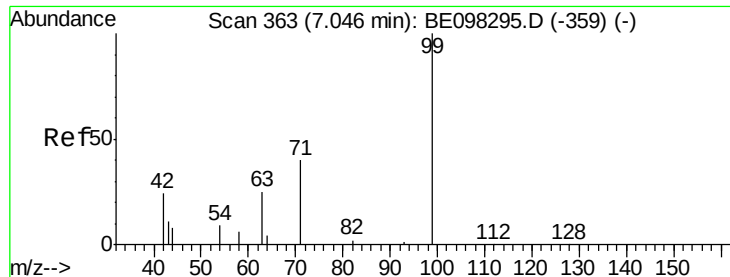


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.114 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205

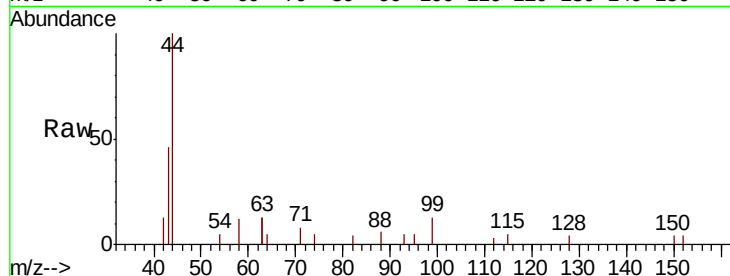
Tgt Ion: 99 Resp: 413

Ion Ratio Lower Upper

99 100

42 49.6 26.3 39.5#

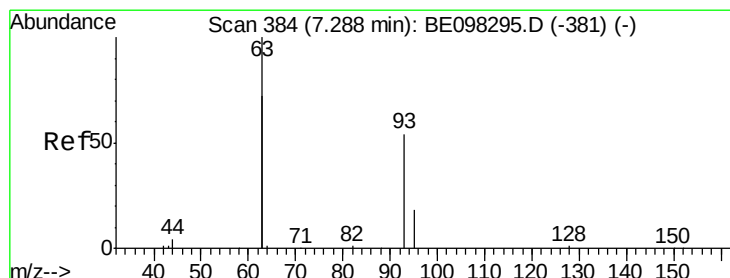
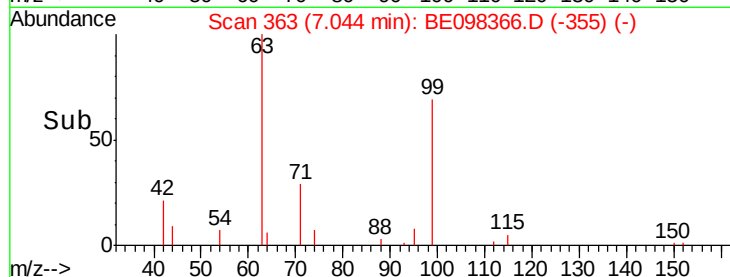
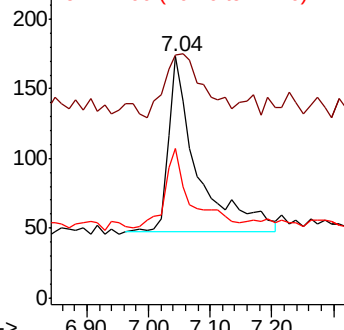
71 40.4 33.6 50.4



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



#6

bis(2-Chloroethyl)ether

Concen: 0.024 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

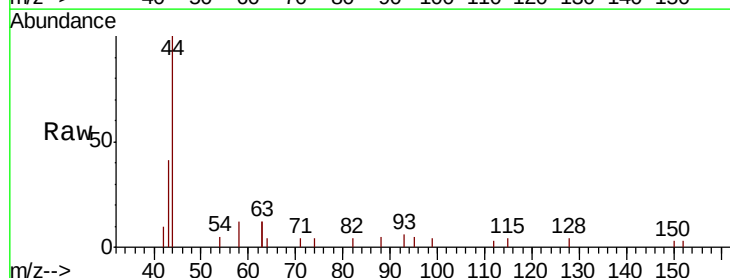
Tgt Ion: 93 Resp: 83

Ion Ratio Lower Upper

93 100

63 247.0 264.4 396.6#

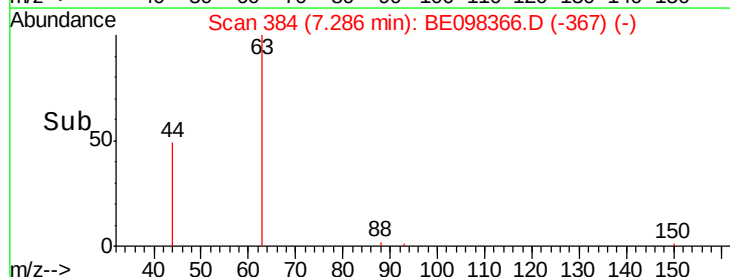
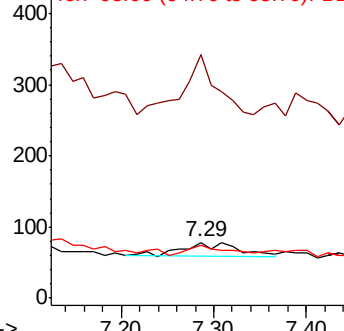
95 50.6 26.6 40.0#

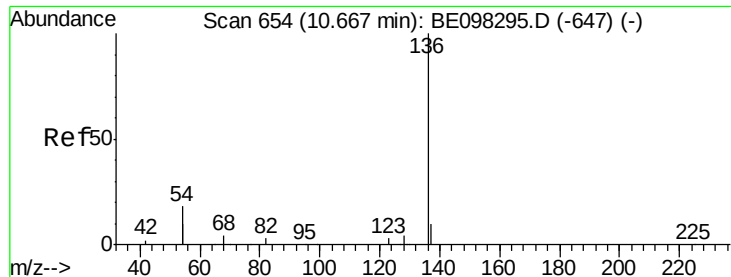


Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205

Tgt Ion:136 Resp: 4507

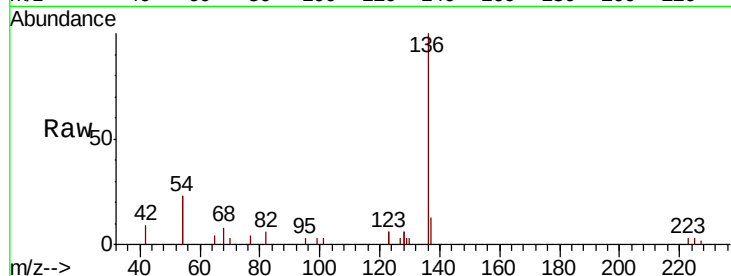
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 46.0 28.4 42.6#

68 8.4 5.4 8.0#

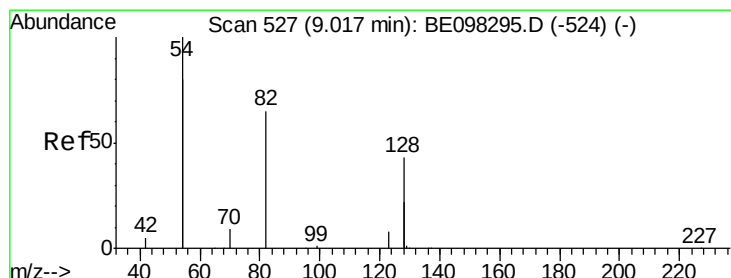
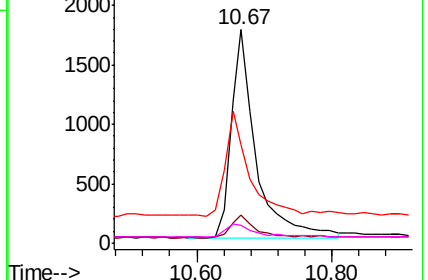
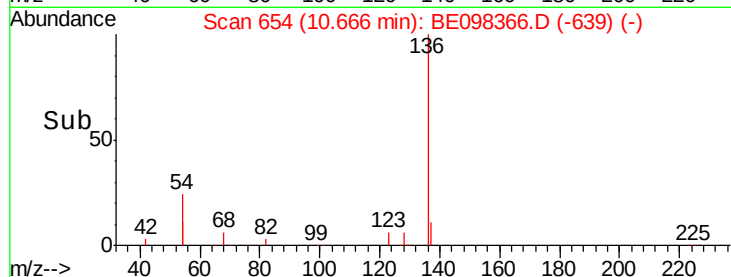


Abundance Ion 136.00 (135.70 to 136.70): E

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: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

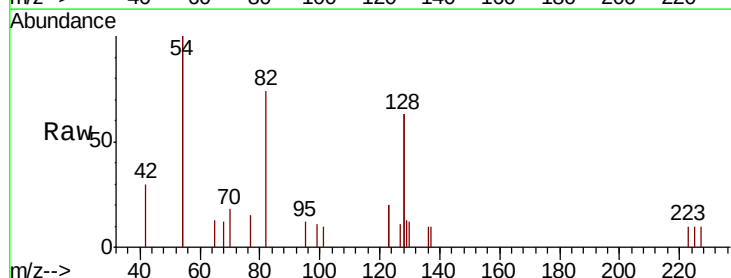
Tgt Ion: 82 Resp: 1382

Ion Ratio Lower Upper

82 100

128 171.3 102.4 153.6#

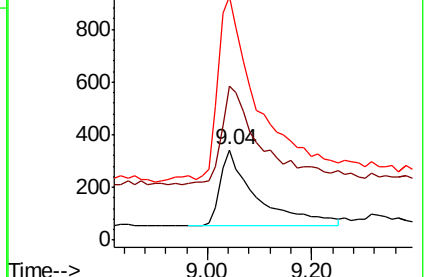
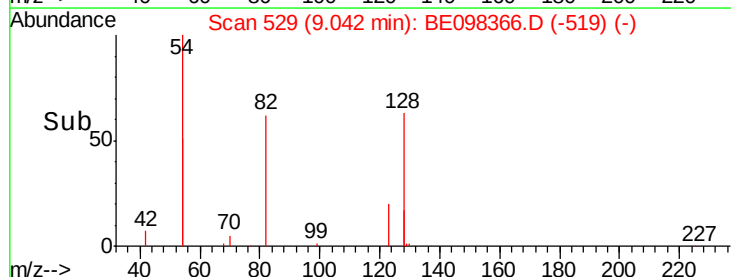
54 270.2 221.8 332.8

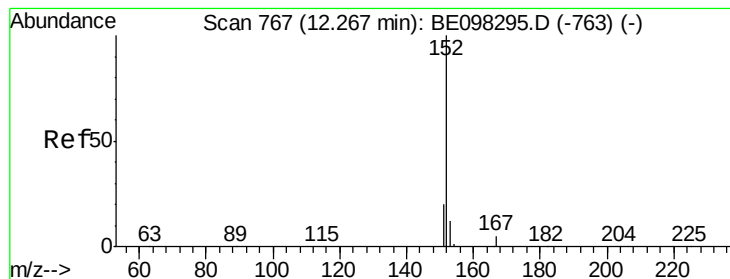


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.384 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

Instrument :

BNA_E

ClientSampleId :

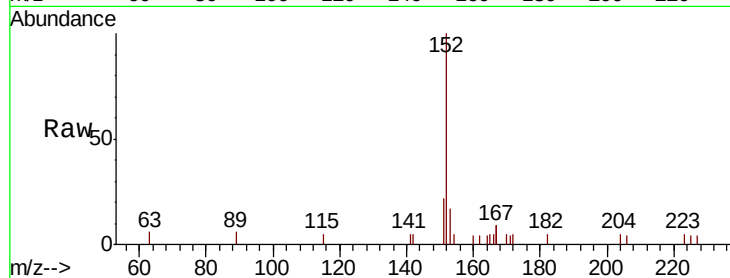
RE-120D2-20181205

Tgt Ion:152 Resp: 2815

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

1200

1000

800

600

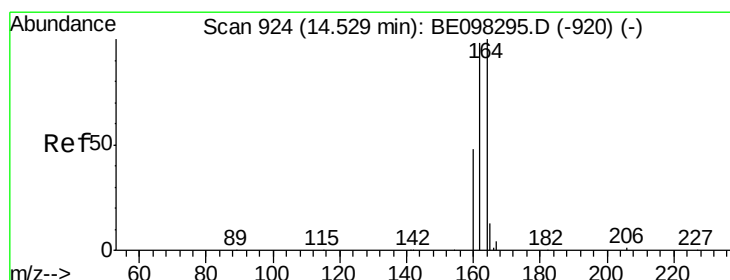
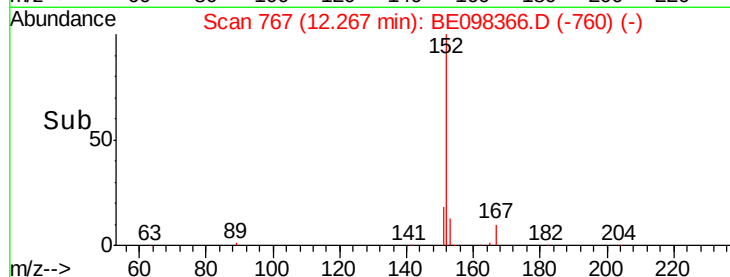
400

200

0

12.20 12.27 12.40

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

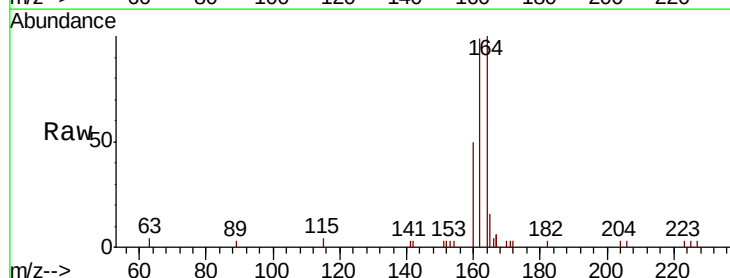
Tgt Ion:164 Resp: 3025

Ion Ratio Lower Upper

164 100

162 99.2 77.6 116.4

160 50.1 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

2000

1500

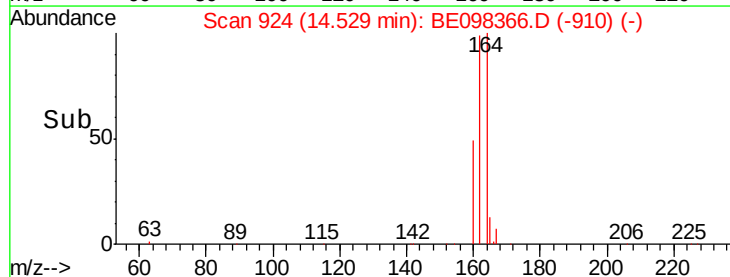
1000

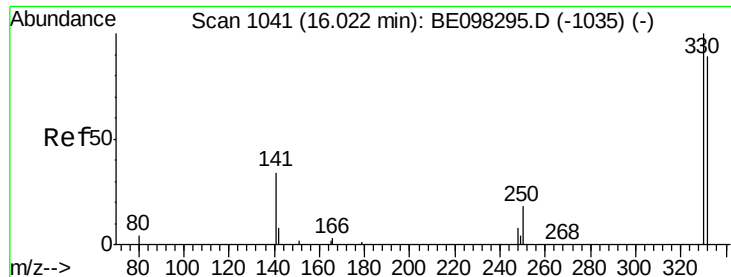
500

0

14.40 14.53 14.60 14.70

Time-->

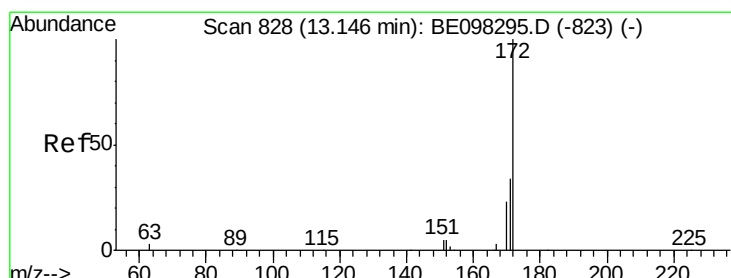
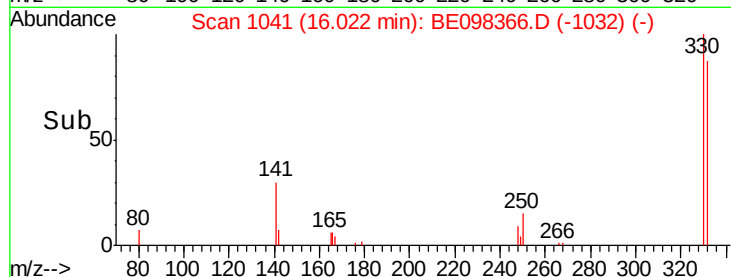
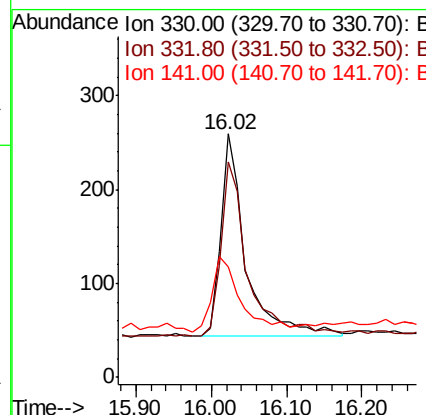
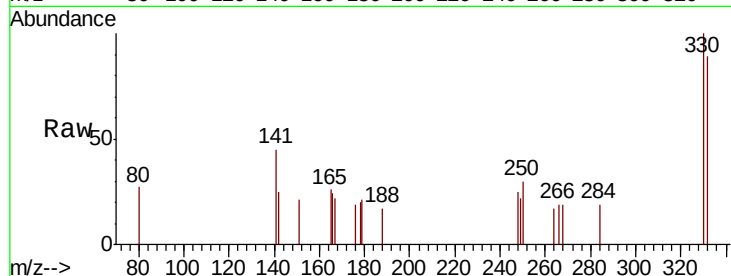




#14
 2,4,6-Tribromophenol
 Concen: 0.446 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098366.D
 Acq: 12 Dec 2018 18:10

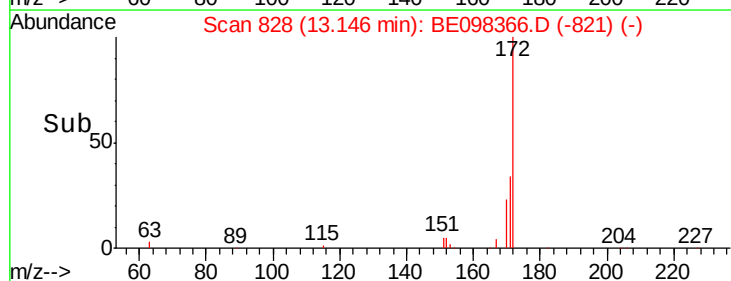
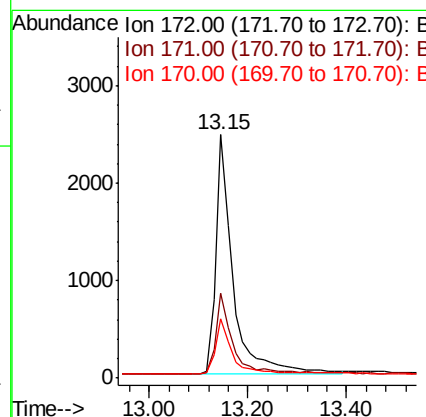
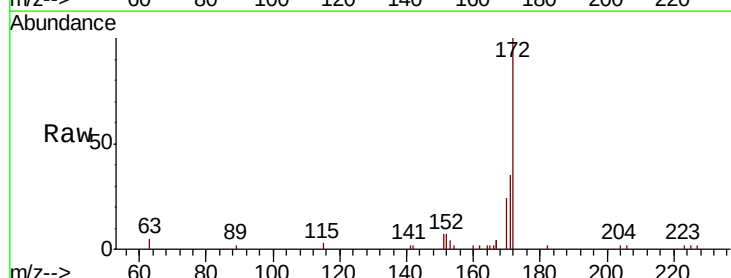
Instrument :
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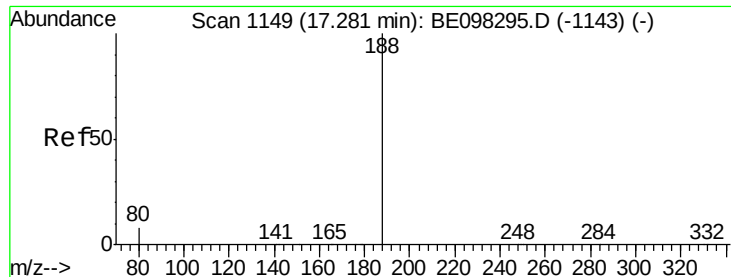
Tgt Ion: 330 Resp: 495
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 44.0 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.457 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098366.D
 Acq: 12 Dec 2018 18:10

Tgt Ion: 172 Resp: 5833
 Ion Ratio Lower Upper
 172 100
 171 34.8 27.5 41.3
 170 24.2 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: BE098366.D

Acq: 12 Dec 2018 18:10

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205

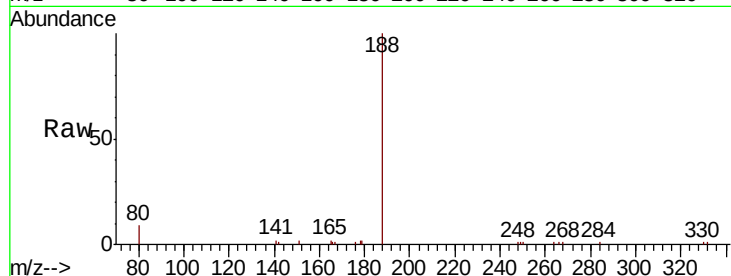
Tgt Ion:188 Resp: 8140

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

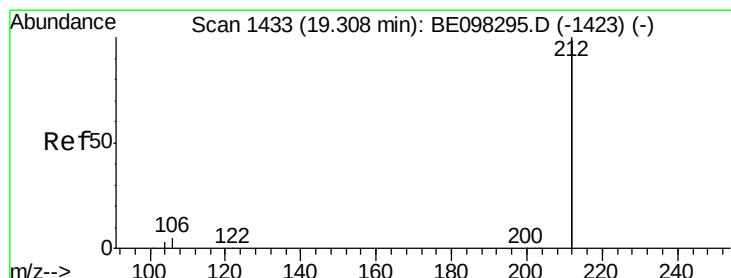
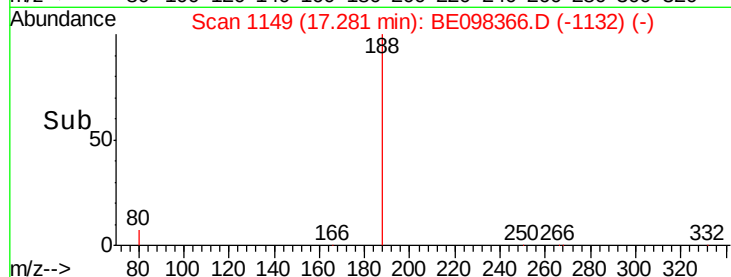
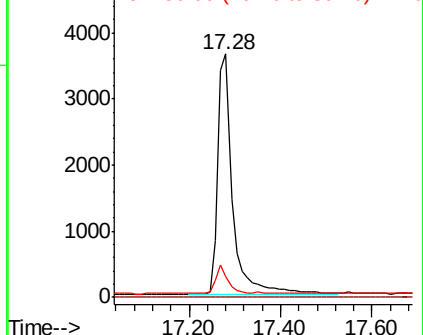
80 8.6 7.2 10.8



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: 0.408 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

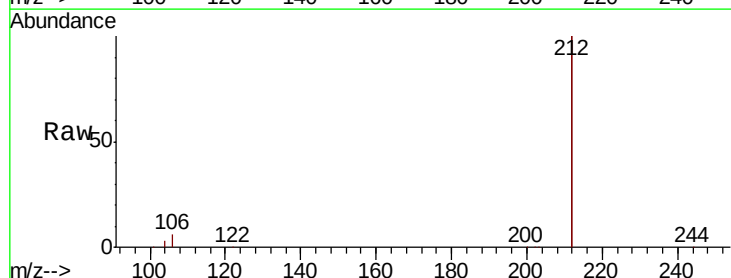
Tgt Ion:212 Resp: 42571

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

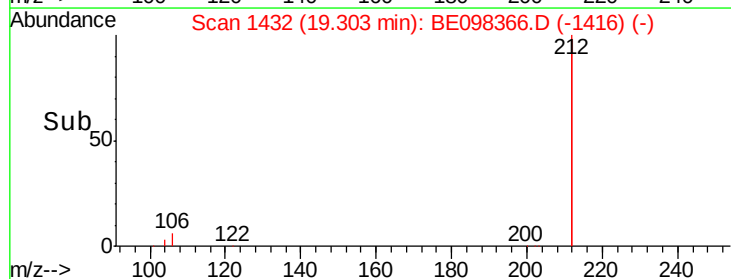
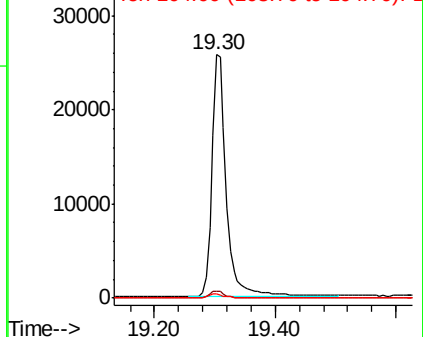
104 1.5 1.3 1.9

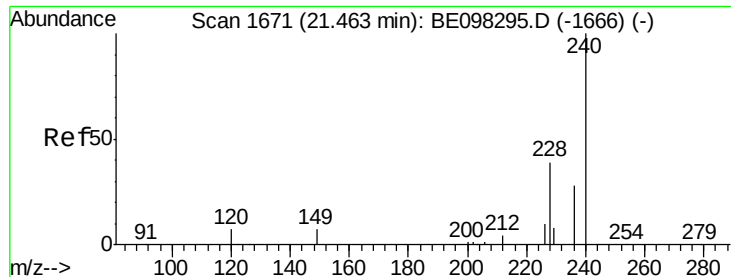


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205

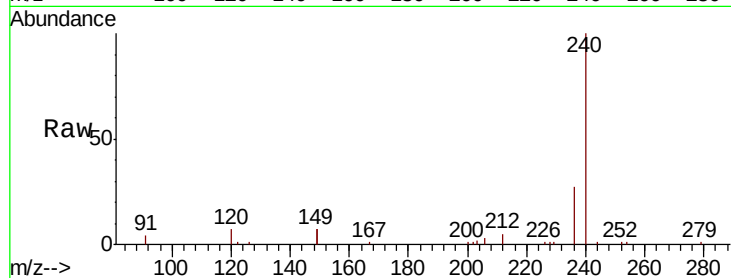
Tgt Ion:240 Resp: 9923

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

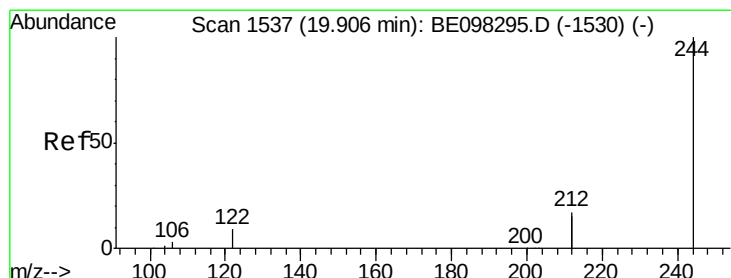
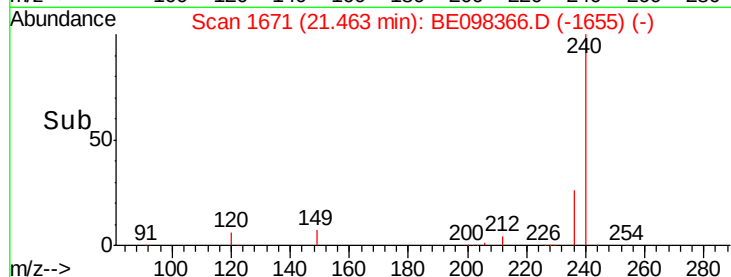
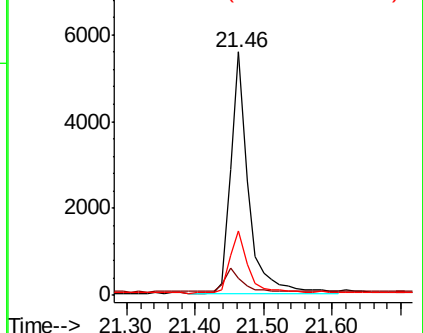
236 26.5 22.7 34.1



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: 0.392 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098366.D

Acq: 12 Dec 2018 18:10

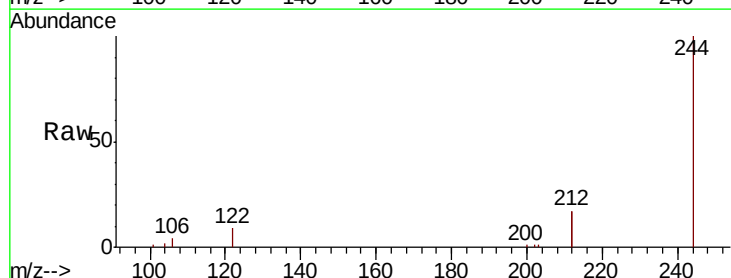
Tgt Ion:244 Resp: 9459

Ion Ratio Lower Upper

244 100

212 34.6 27.4 41.0

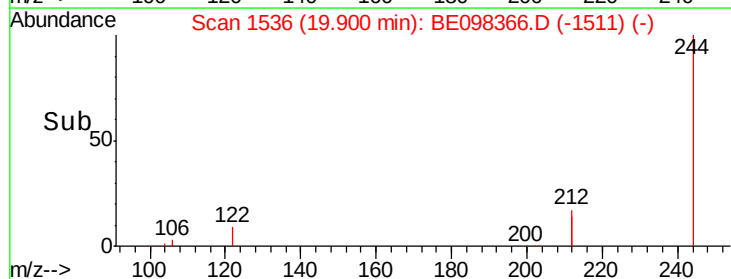
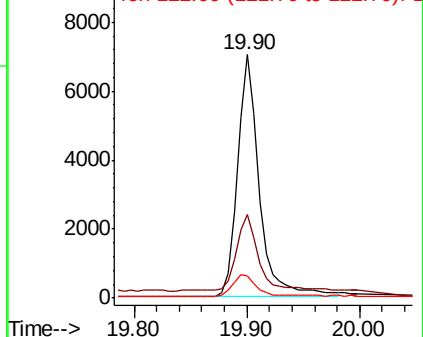
122 9.2 8.3 12.5

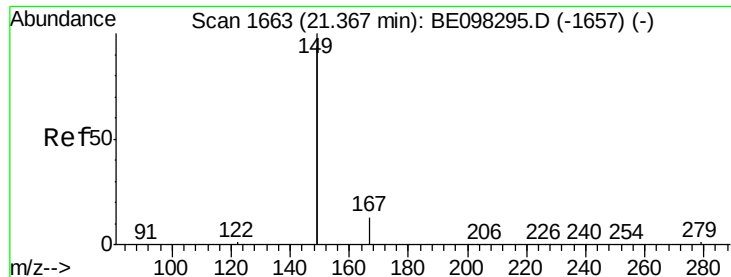


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

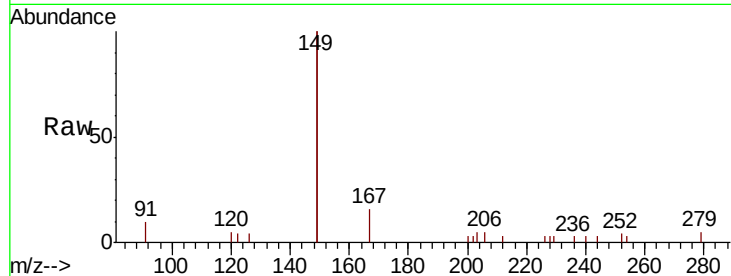




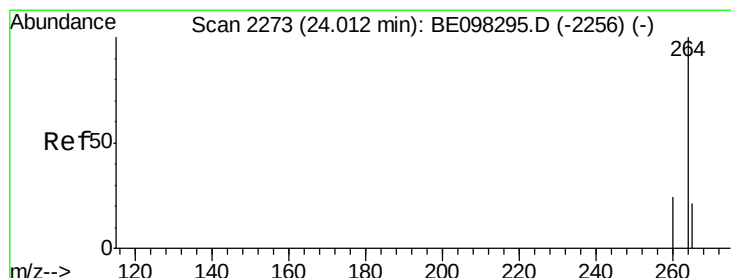
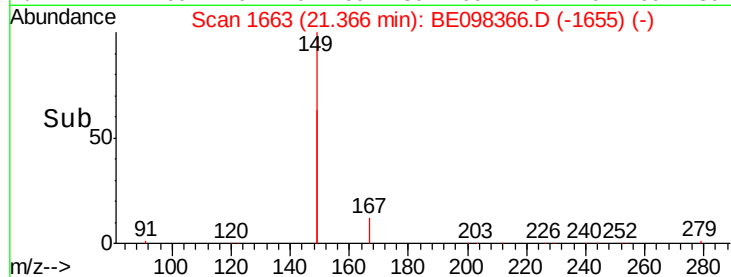
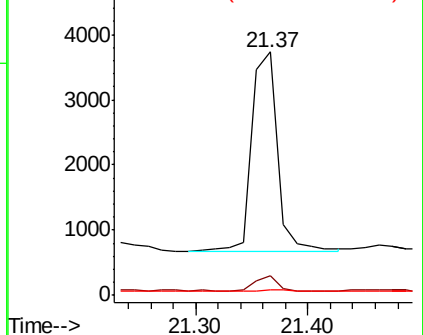
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.37 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: BE098366.D
 Acq: 12 Dec 2018 18:10

Instrument :
 BNA_E
 ClientSampleId :
 RE-120D2-20181205

Tgt Ion:149 Resp: 4875
 Ion Ratio Lower Upper
 149 100
 167 6.9 5.7 8.5
 279 1.0 1.0 1.4

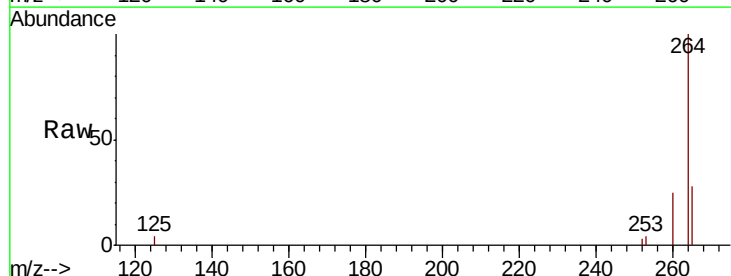


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.01 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BE098366.D
 Acq: 12 Dec 2018 18:10

Tgt Ion:264 Resp: 9515
 Ion Ratio Lower Upper
 264 100
 260 25.3 20.2 30.2
 265 28.1 25.2 37.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

