

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 06:46:11 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

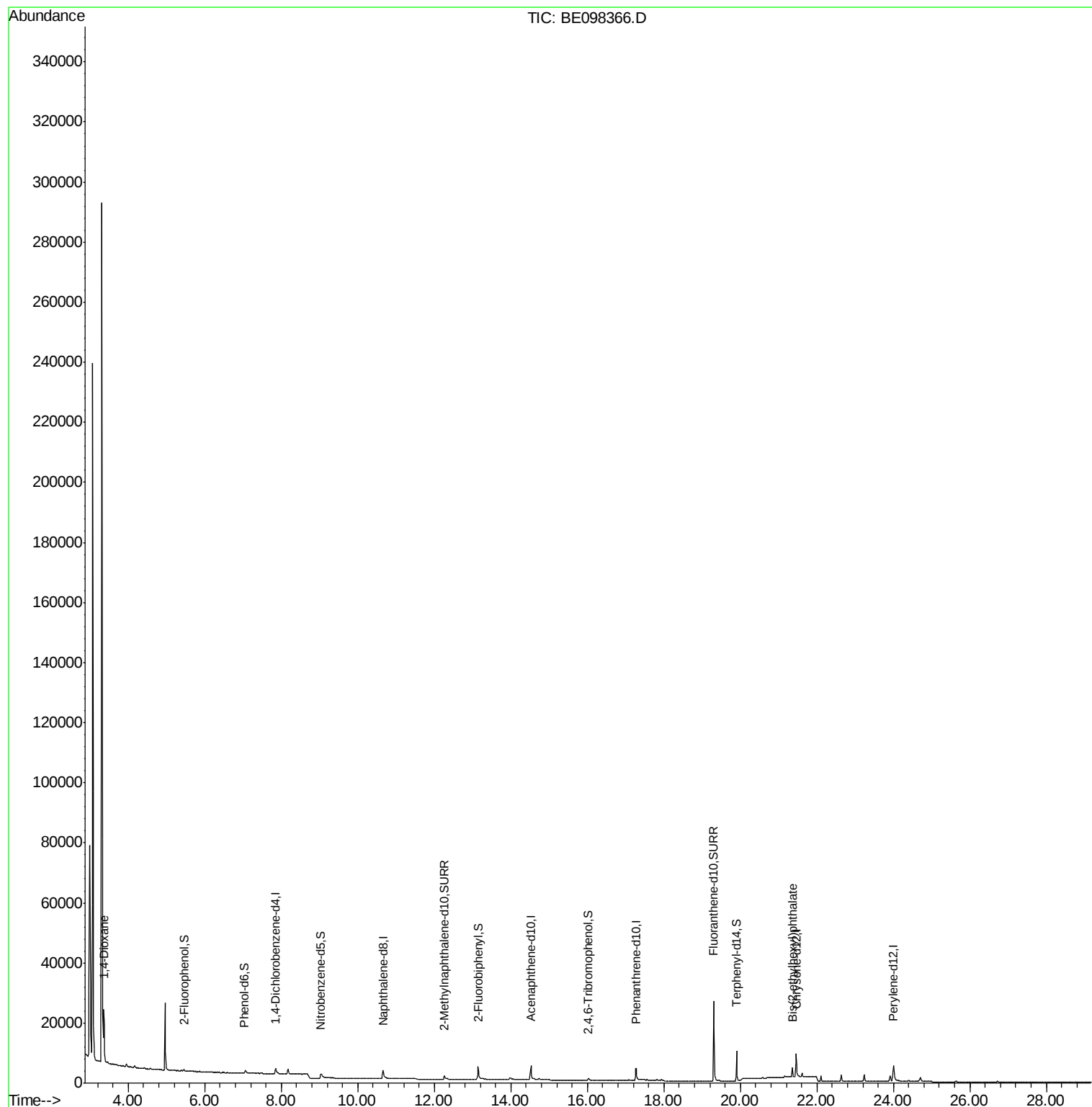
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1089	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4507	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3025	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	8140	0.40	ng	0.00
27) Chrysene-d12	21.46	240	9923	0.40	ng	0.00
34) 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	98
32) Bis(2-ethylhexyl)phthalate	21.37	149	4875	0.085	ng	99

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

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 06:46:11 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: BE098366.D

Acq: 12 Dec 2018 18:10

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205

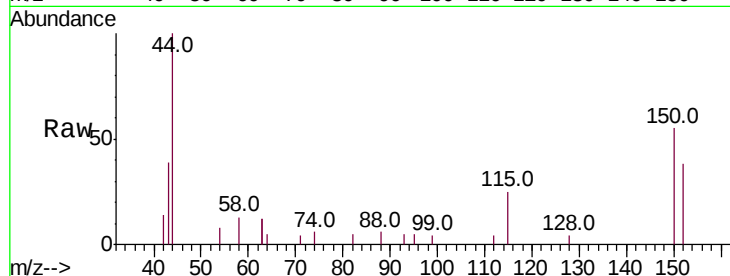
Tot Ion:152 Resp: 1089

Ion Ratio Lower Upper

152 100

150 142.7 124.2 186.4

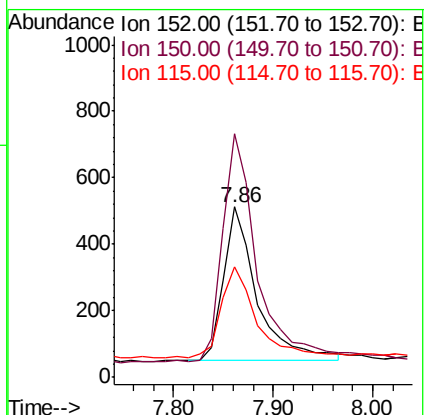
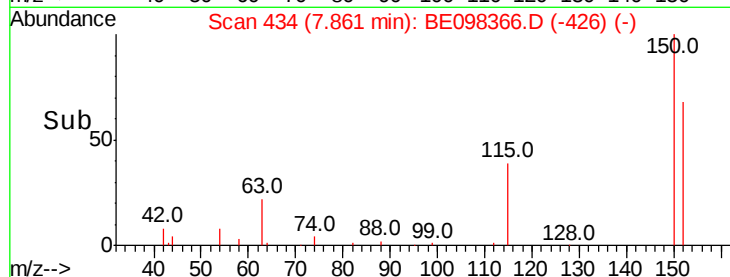
115 64.5 53.9 80.9



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

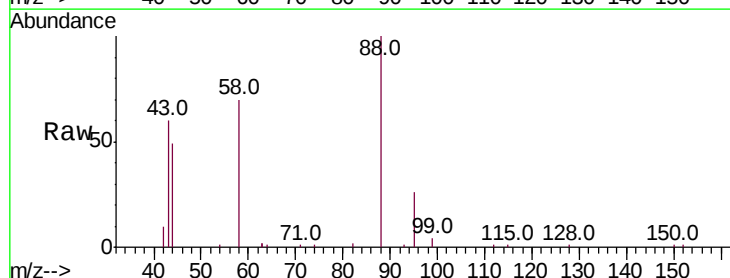
Tgt Ion: 88 Resp: 8291

Ion Ratio Lower Upper

88 100

58 94.3 75.0 112.6

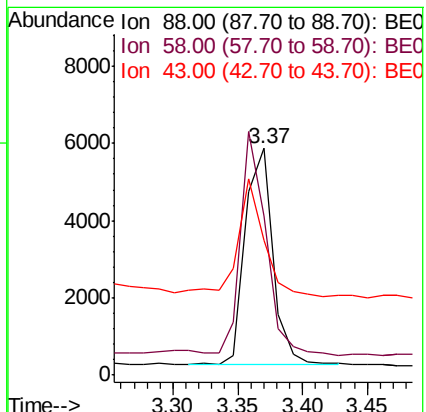
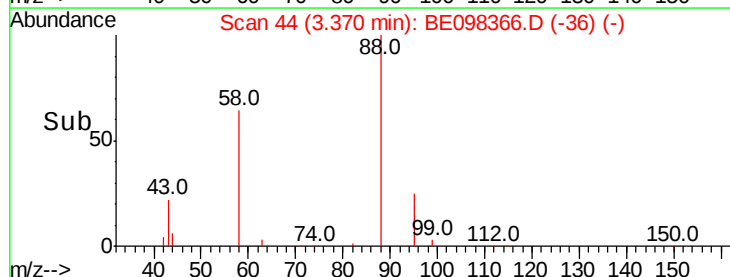
43 52.0 38.3 57.5

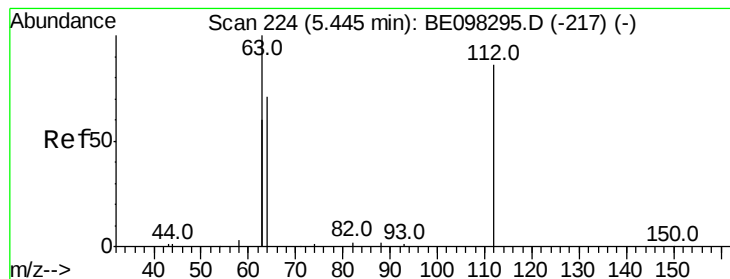


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#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

Instrument :

BNA_E

ClientSampleId :

RE-120D2-20181205

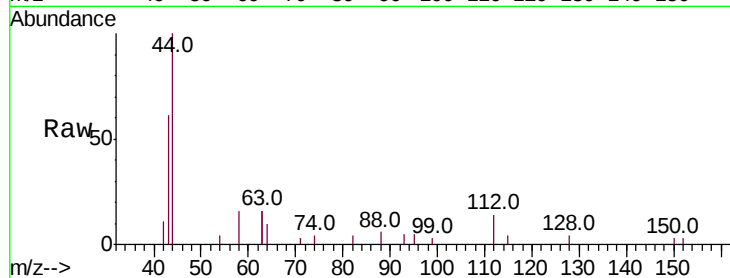
Tot Ion:112 Resp: 450

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

600

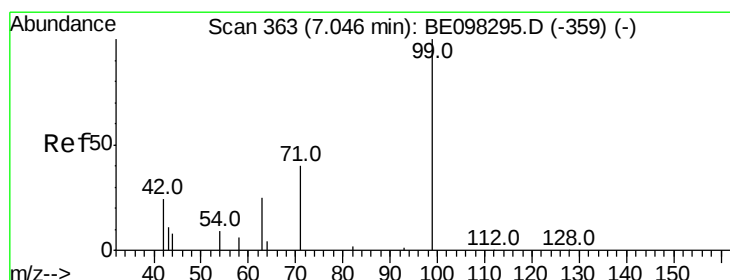
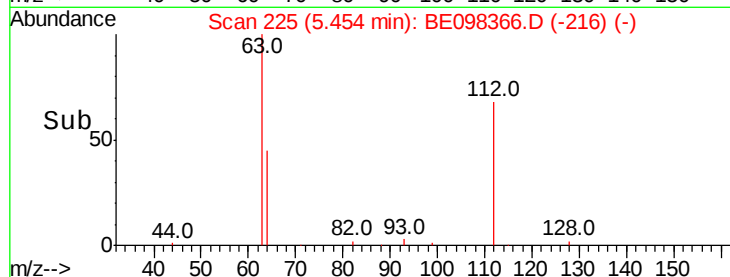
400

200

0

5.40 5.45 5.50

Time-->



#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

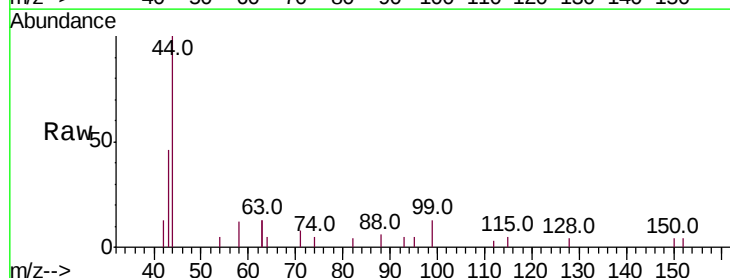
Tgt Ion: 99 Resp: 413

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

200

150

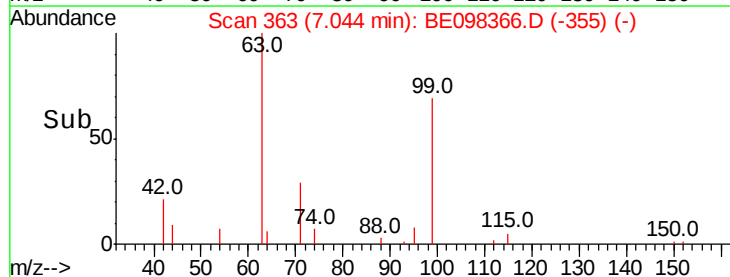
100

50

0

6.90 7.00 7.10 7.20

Time-->





#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

Tot Ion:136 Resp: 4507

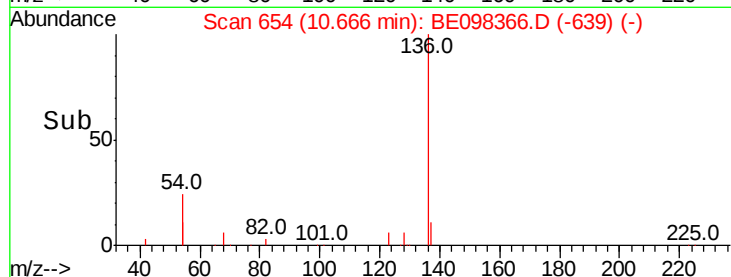
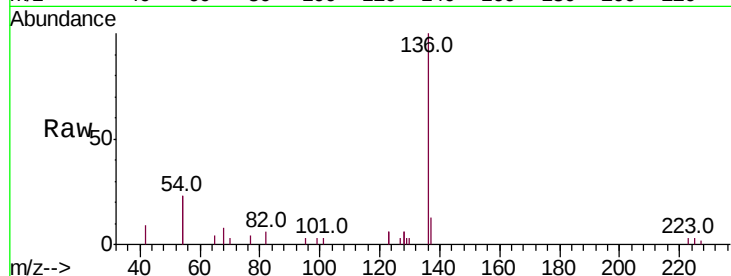
Ion Ratio Lower Upper

136 100

137 13.5 9.2 13.8

54 46.0 28.4 42.6#

68 8.4 5.4 8.0#

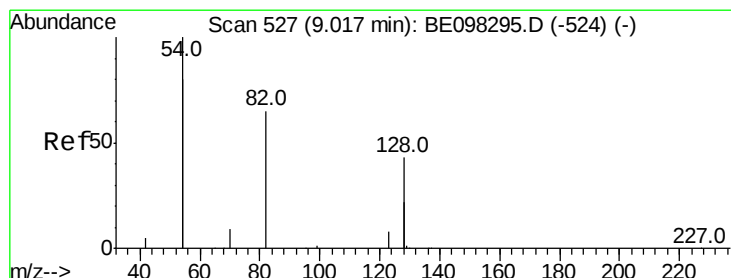
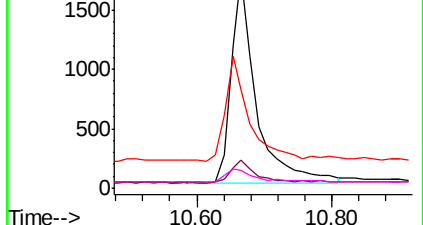


Abundance Ion 136.00 (135.70 to 136.70): E

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

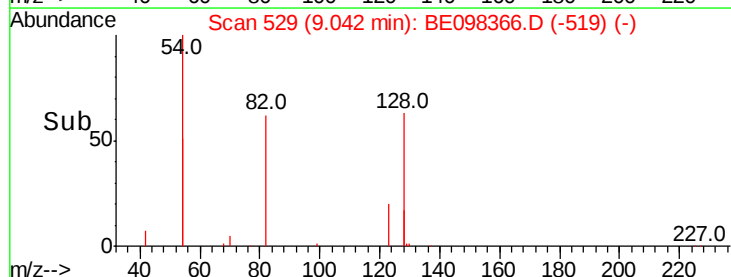
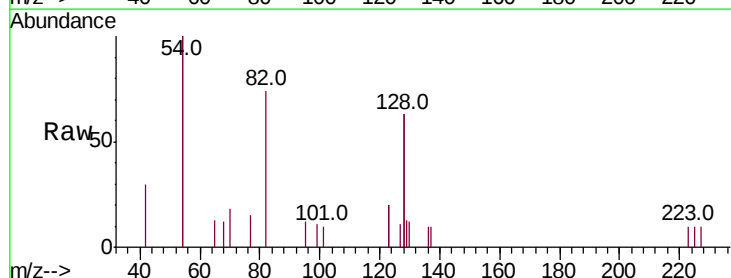
Tgt Ion: 82 Resp: 1382

Ion Ratio Lower Upper

82 100

128 171.3 102.4 153.6#

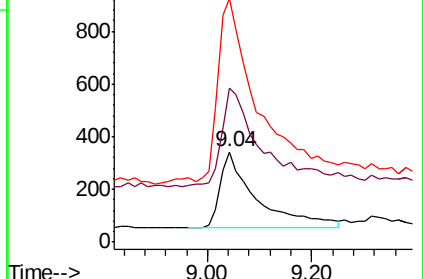
54 270.2 221.8 332.8

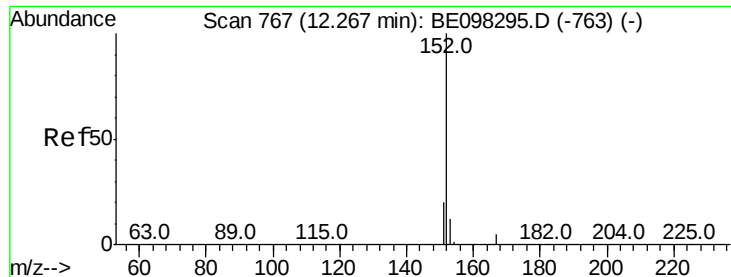


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

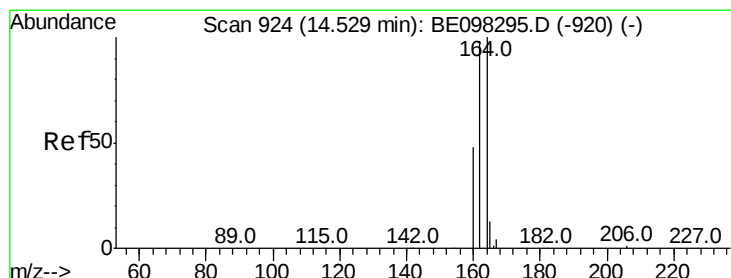
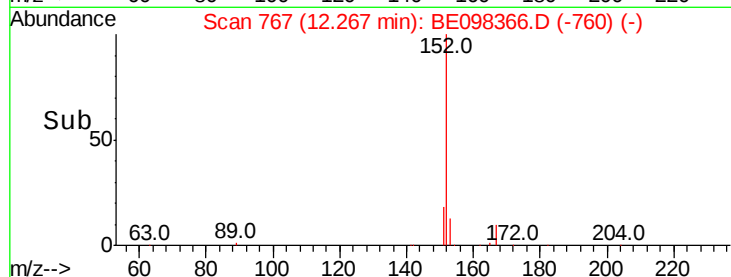
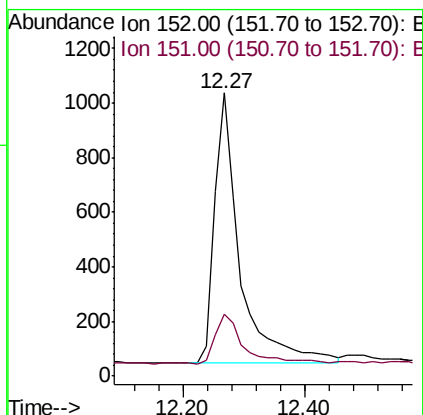
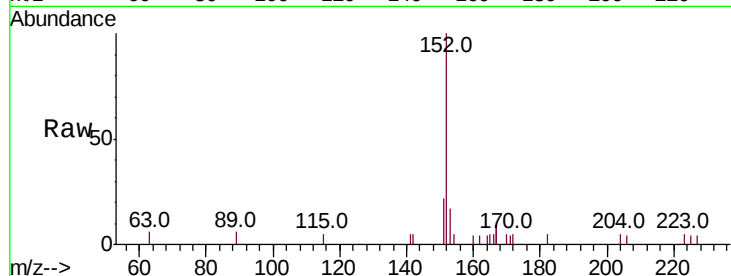




#11
 2-Methylnaphthalene-d10
 Concen: 0.384 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098366.D
 Acq: 12 Dec 2018 18:10

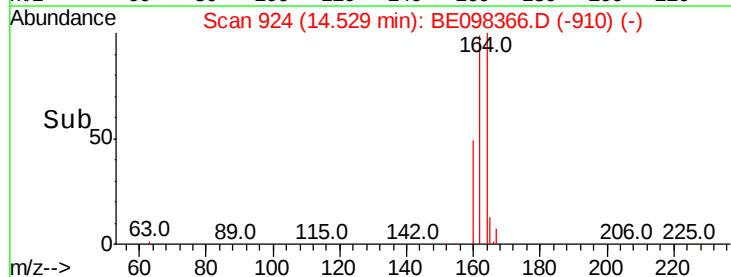
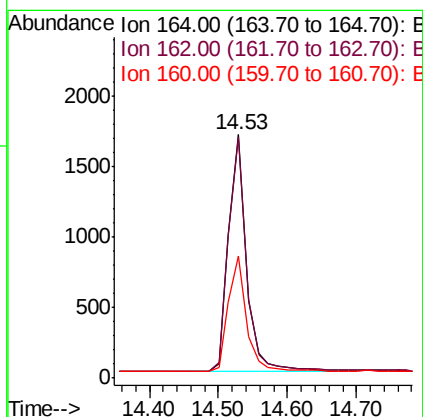
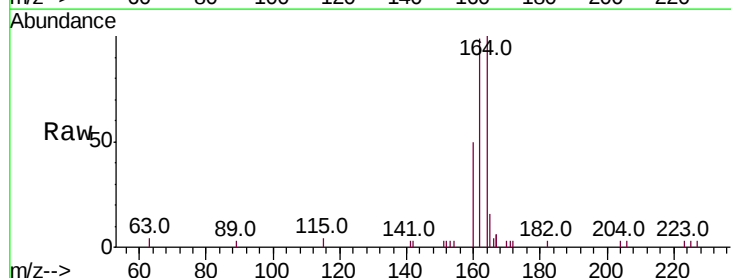
Instrument :
 BNA_E
 ClientSampleId :
 RE-120D2-20181205

Tot Ion:152 Resp: 2815
 Ion Ratio Lower Upper
 152 100
 151 19.9 16.2 24.4



#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

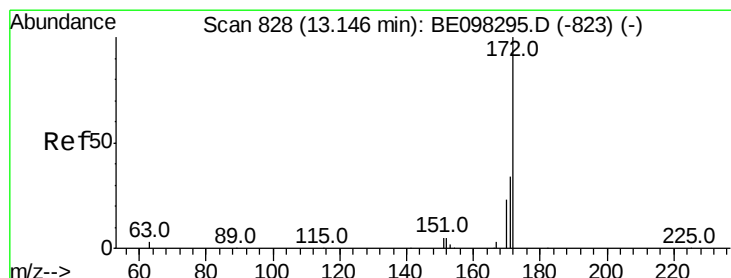
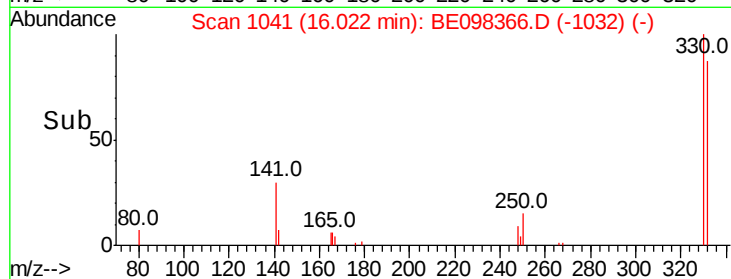
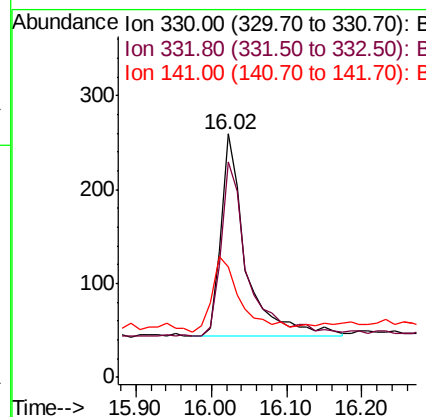
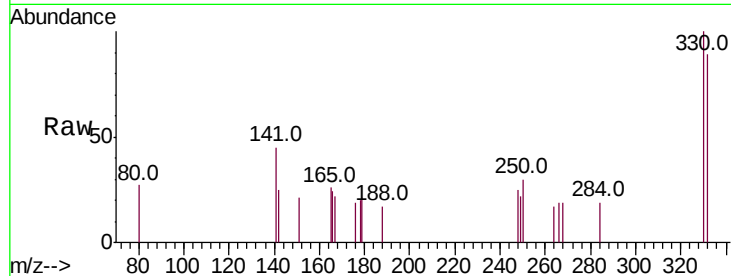




#14
 2,4,6-Tribromophenol
 Concen: 0.446 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098366.D
 Acq: 12 Dec 2018 18:10

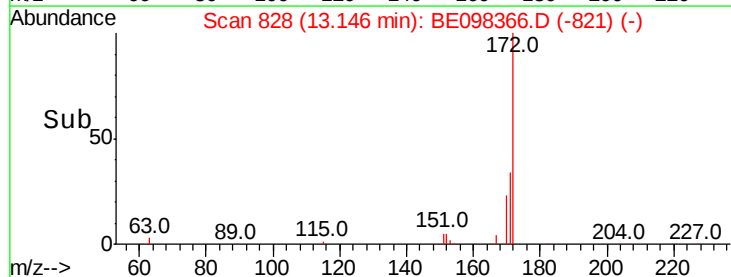
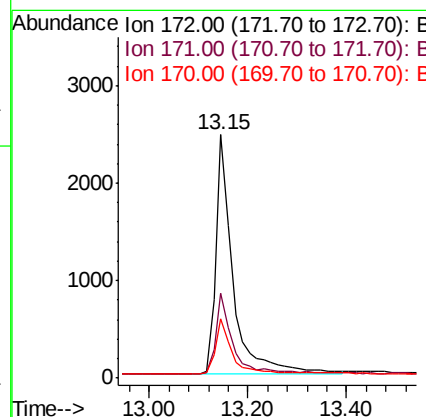
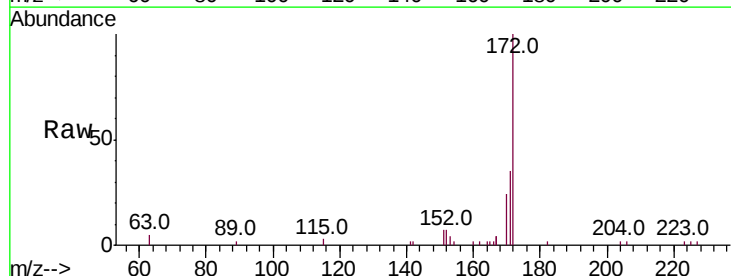
Instrument :
 BNA_E
 ClientSampleId :
 RE-120D2-20181205

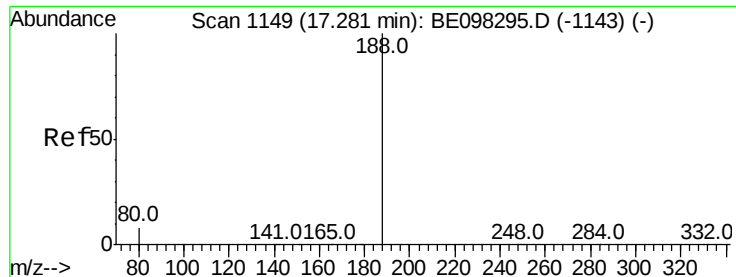
Tot Ion:330 Resp: 495
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.2 114.4
 141 44.0 39.0 58.4



#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

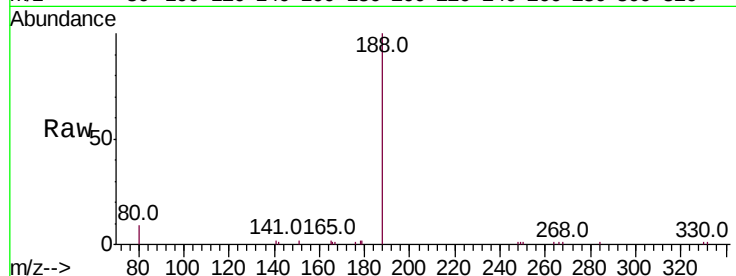
Tot Ion:188 Resp: 8140

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

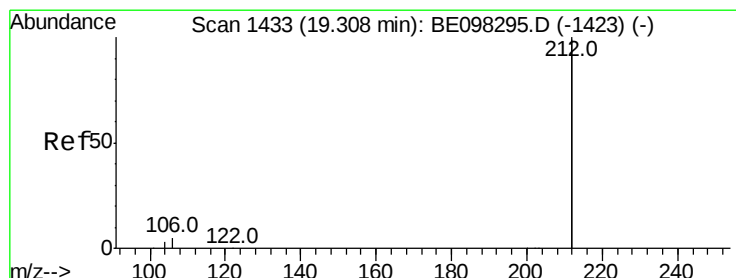
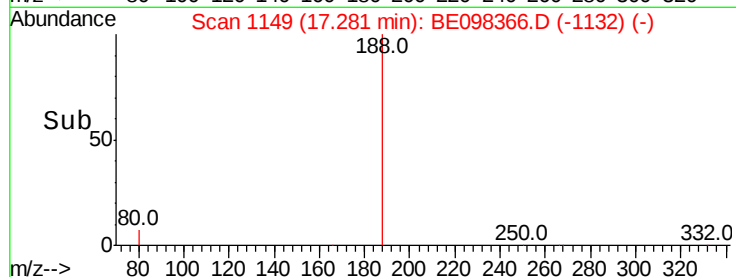
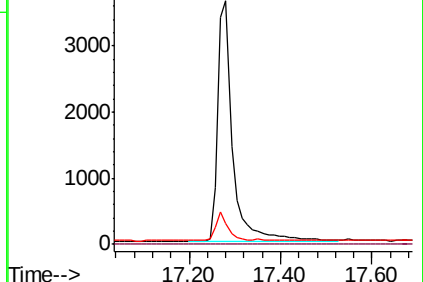
80 8.6 7.2 10.8



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

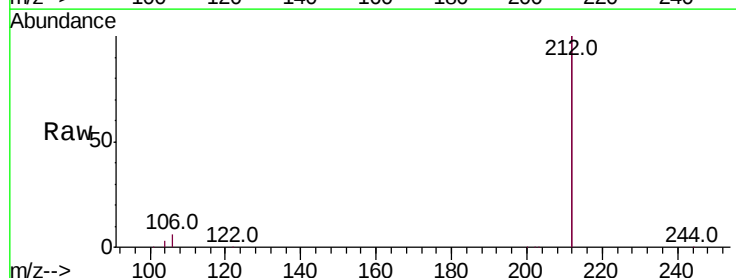
Tgt Ion:212 Resp: 42571

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

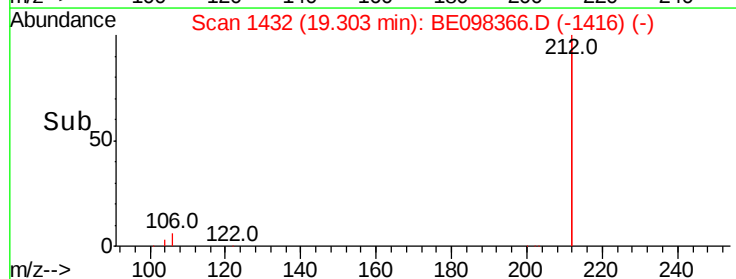
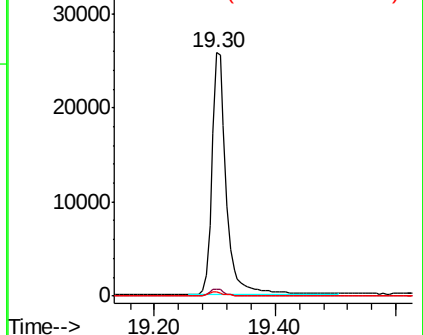
104 1.5 1.3 1.9



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

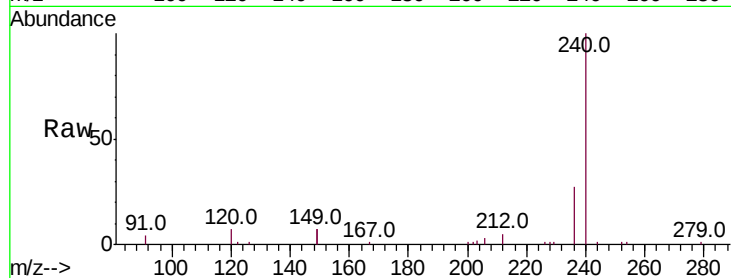
Tot Ion:240 Resp: 9923

Ion Ratio Lower Upper

240 100

120 7.2 9.5 14.3#

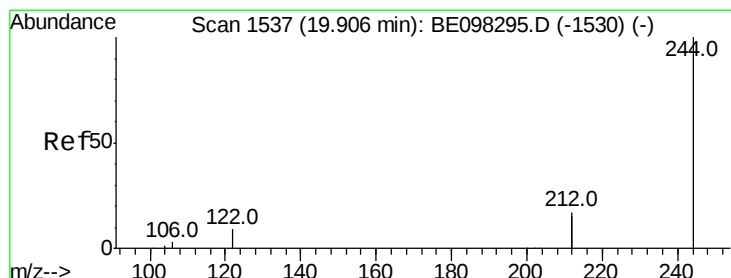
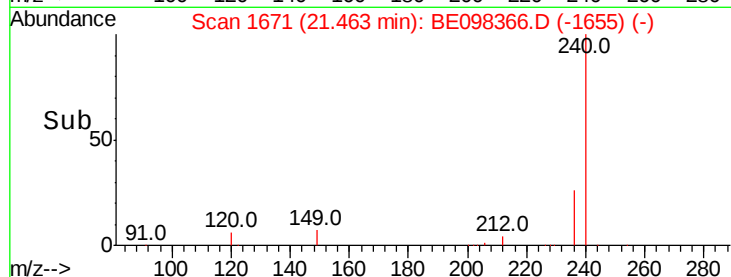
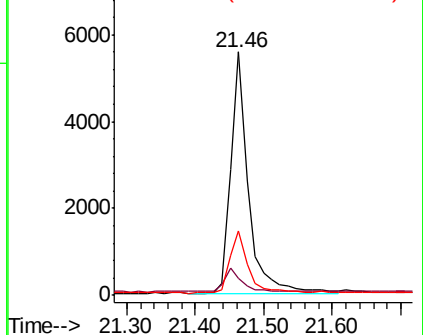
236 26.5 22.7 34.1



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

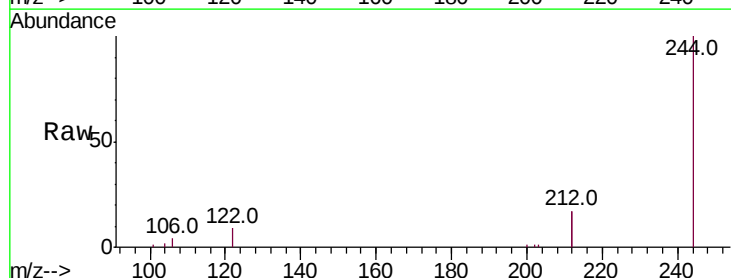
Tgt Ion:244 Resp: 9459

Ion Ratio Lower Upper

244 100

212 34.6 27.4 41.0

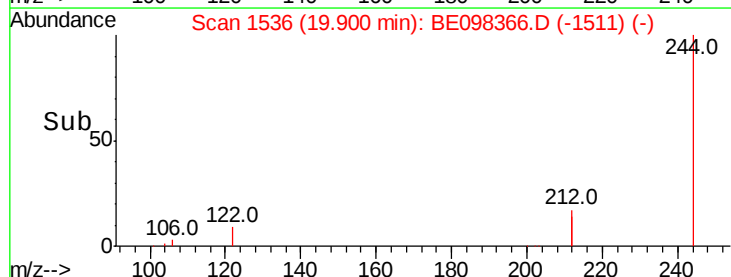
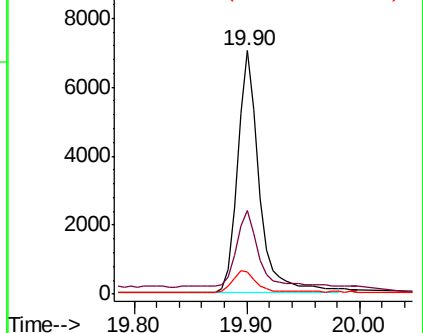
122 9.2 8.3 12.5

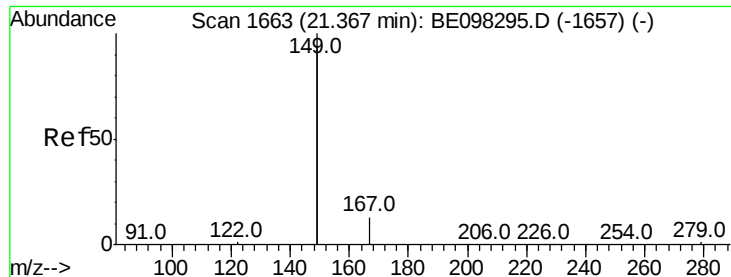


Abundance Ion 244.00 (243.70 to 244.70): E

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

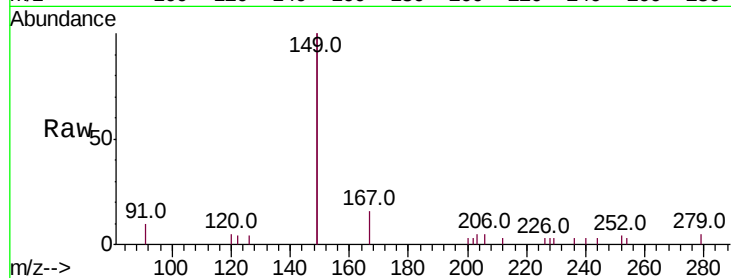
Tot Ion:149 Resp: 4875

Ion Ratio Lower Upper

149 100

167 6.9 5.7 8.5

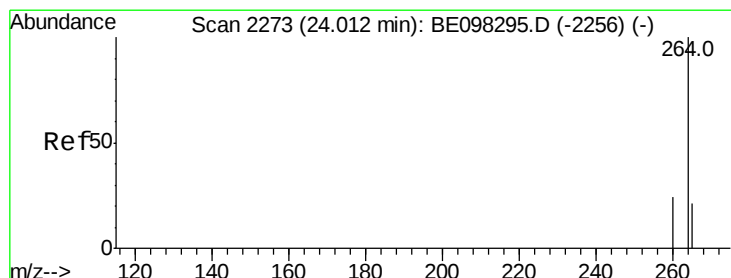
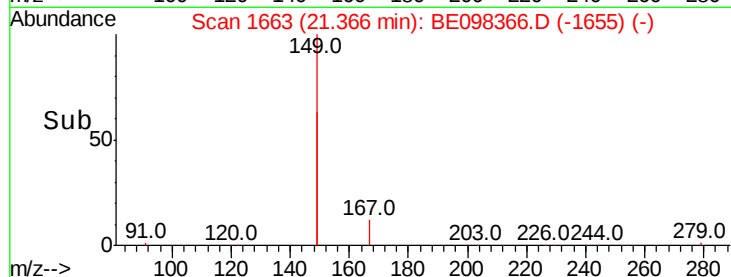
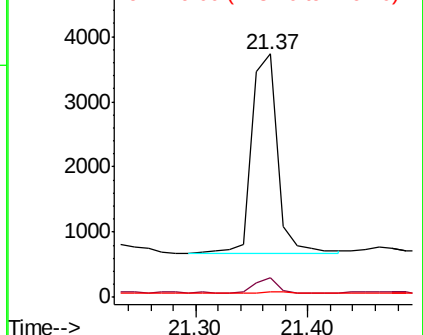
279 1.0 1.0 1.4



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

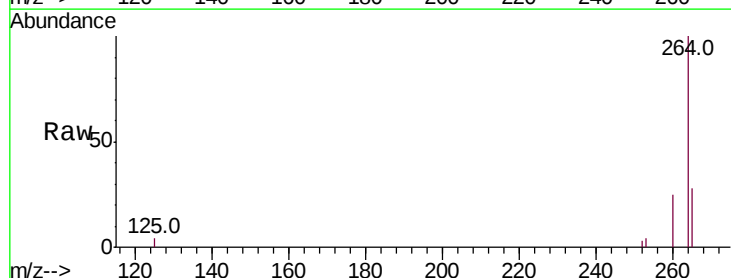
Tgt Ion:264 Resp: 9515

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

