

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098389.D
 Acq On : 13 Dec 2018 10:11
 Operator : SJ/JU
 Sample : J6325-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205

Quant Time: Dec 13 10:45:33 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

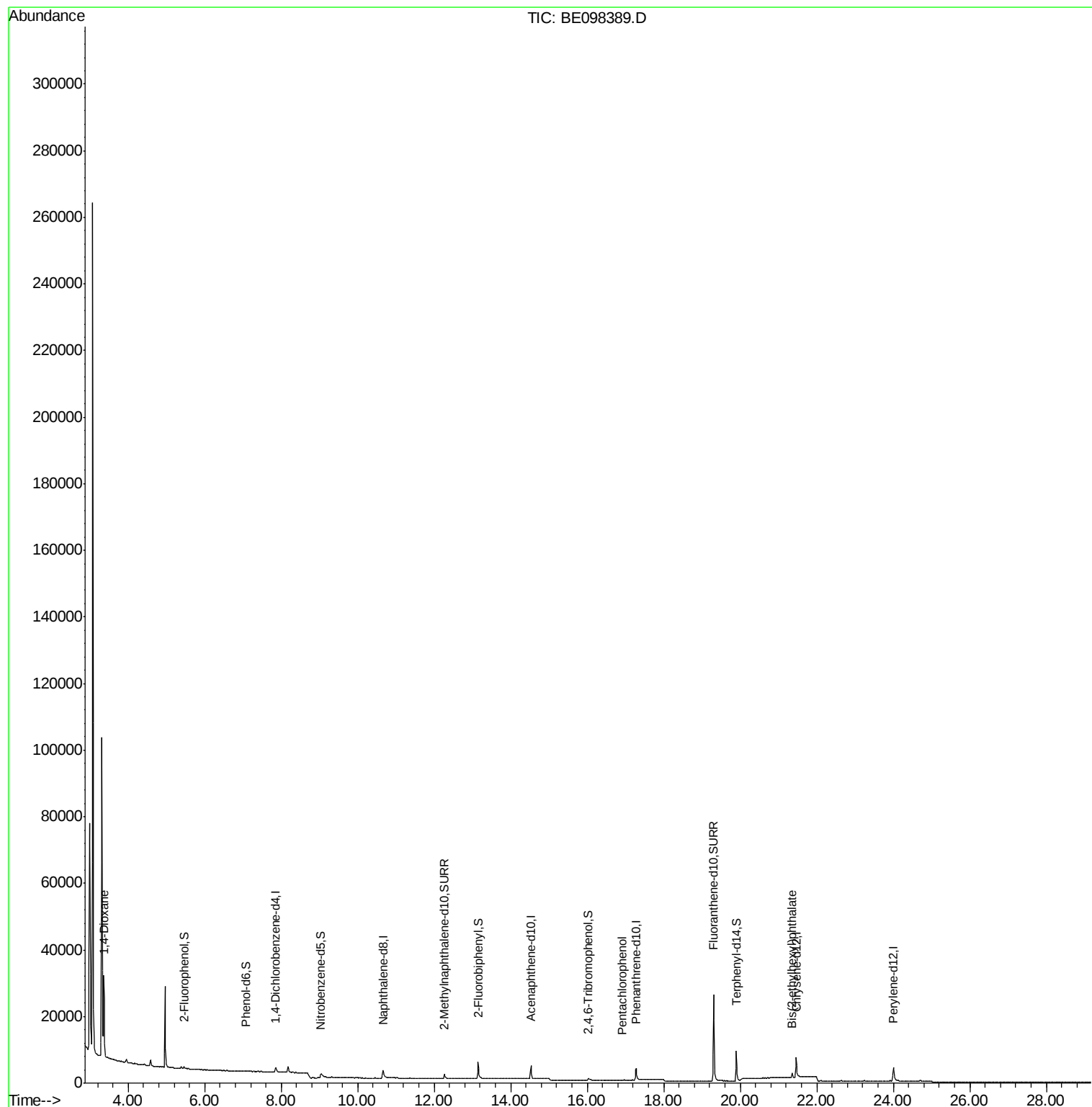
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	996	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4363	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2865	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7609	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8563	0.40	ng	0.00
34) Perylene-d12	24.01	264	8194	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	528	0.23	ng	0.00
5) Phenol-d6	7.08	99	363	0.11	ng	0.03
8) Nitrobenzene-d5	9.04	82	1431	0.36	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3073	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	488	0.46	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7473	0.62	ng	0.00
25) Fluoranthene-d10	19.30	212	44023	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	9780	0.47	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	13020	7.559	ng	98
22) Pentachlorophenol	16.92	266	5	0.023	ng	# 67
32) Bis(2-ethylhexyl)phthalate	21.35	149	1777	0.036	ng	# 98

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

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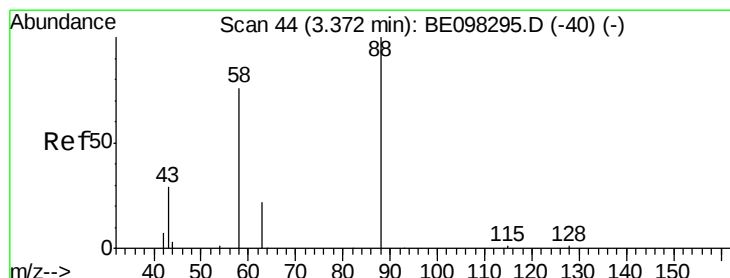
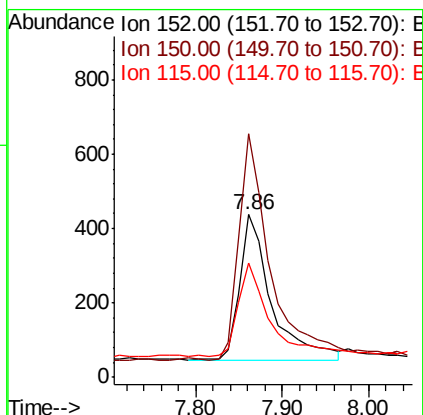
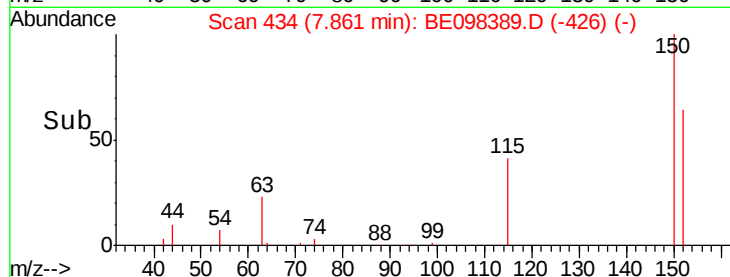
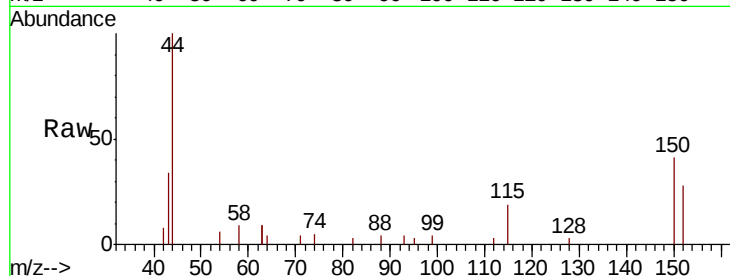


#1

1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Instrument :
BNA_E
ClientSampleId :
RE-131D1-20181205

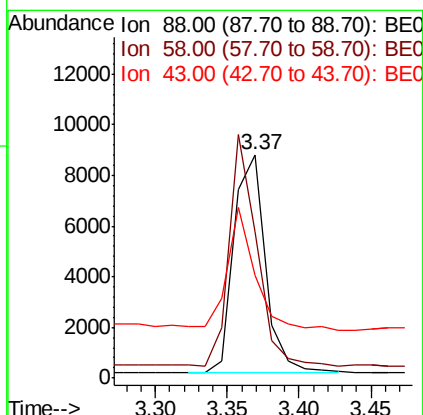
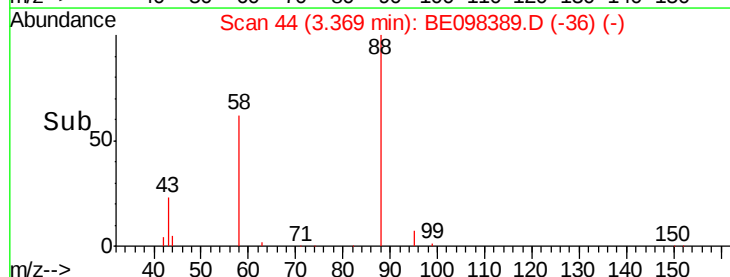
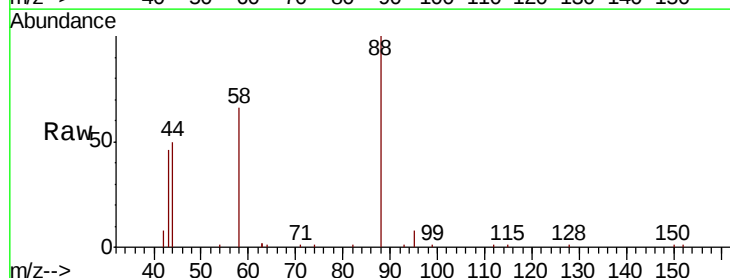
Tot Ion:152 Resp: 996
Ion Ratio Lower Upper
152 100
150 149.9 124.2 186.4
115 70.3 53.9 80.9



#2

1,4-Dioxane
Concen: 7.559 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098389.D
Acq: 13 Dec 2018 10:11

Tgt Ion: 88 Resp: 13020
Ion Ratio Lower Upper
88 100
58 92.2 75.0 112.6
43 50.4 38.3 57.5





#4

2-Fluorophenol

Concen: 0.227 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20181205

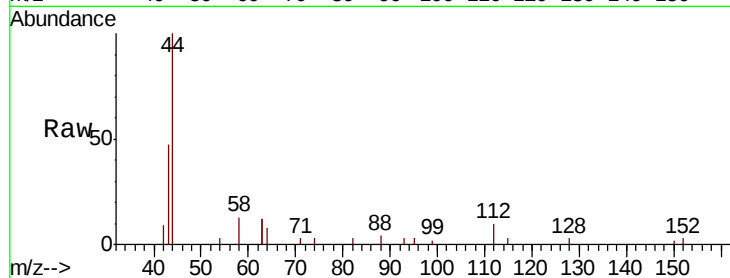
Tot Ion: 112 Resp: 528

Ion Ratio Lower Upper

112 100

64 68.9 59.8 89.8

63 150.8 133.7 200.5

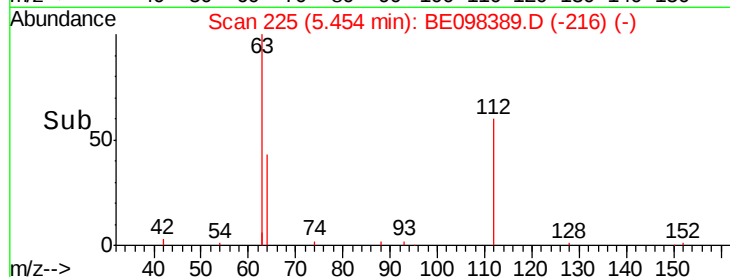


Abundance Ion 112.00 (111.70 to 112.70): BE0

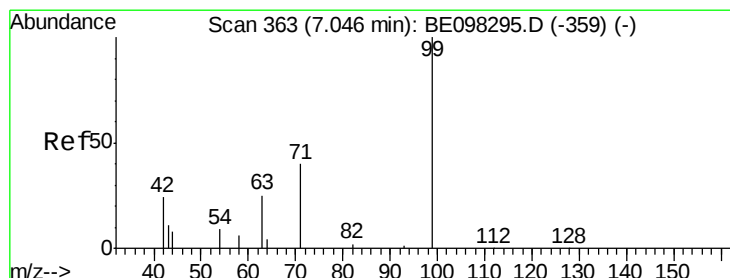
Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Time-->



Time-->



#5

Phenol-d6

Concen: 0.110 ng

RT: 7.08 min Scan# 366

Delta R.T. 0.03 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

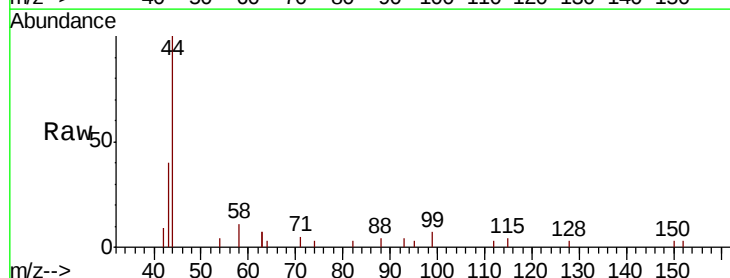
Tgt Ion: 99 Resp: 363

Ion Ratio Lower Upper

99 100

42 39.1 26.3 39.5

71 21.2 33.6 50.4#

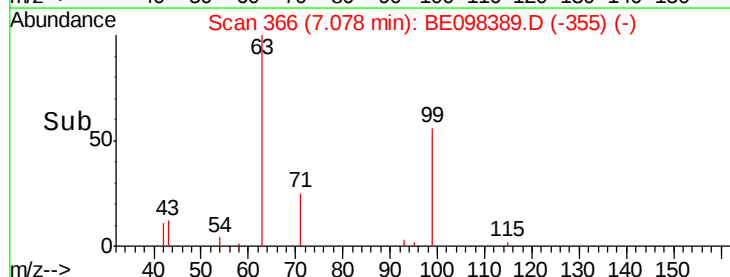


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20181205

Tot Ion:136 Resp: 4363

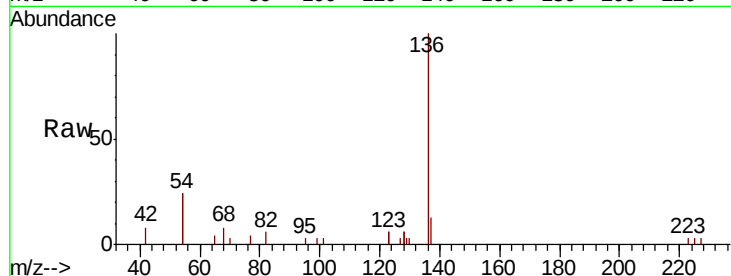
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 47.9 28.4 42.6#

68 7.6 5.4 8.0

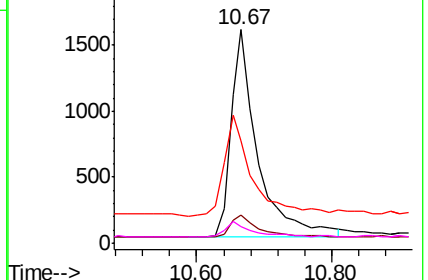
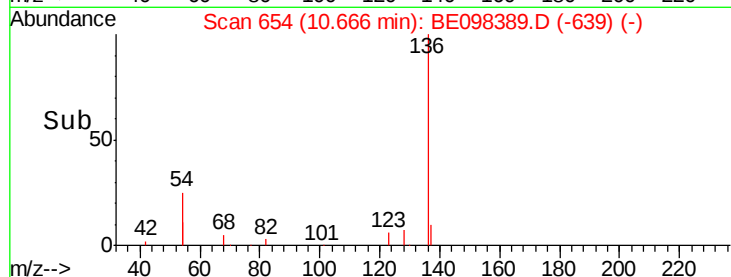


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.360 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

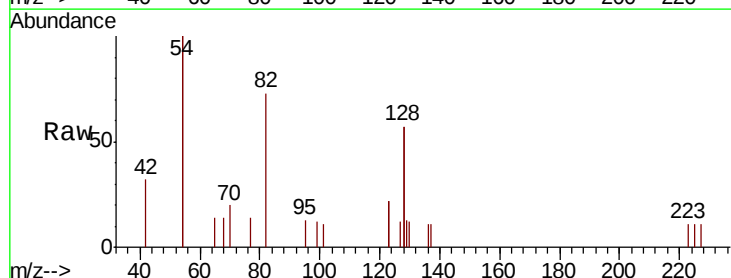
Tgt Ion: 82 Resp: 1431

Ion Ratio Lower Upper

82 100

128 155.8 102.4 153.6#

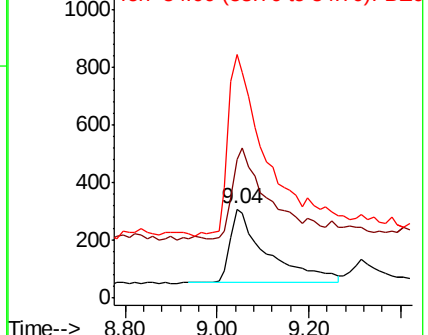
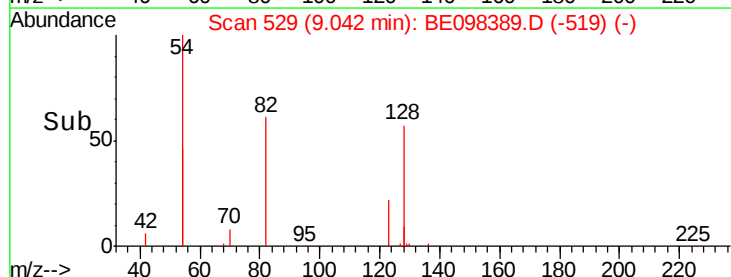
54 274.0 221.8 332.8



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: 0.433 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

Instrument :

BNA_E

ClientSampleId :

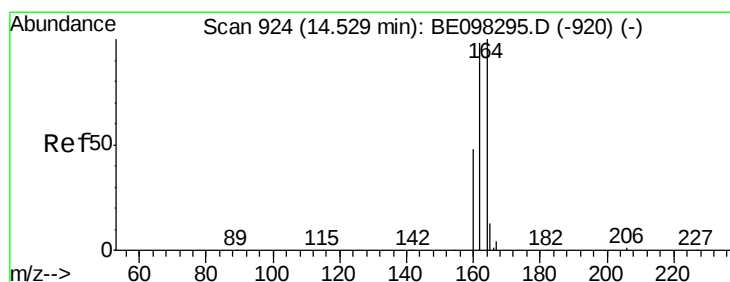
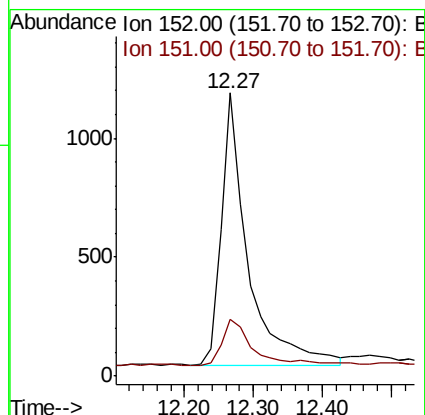
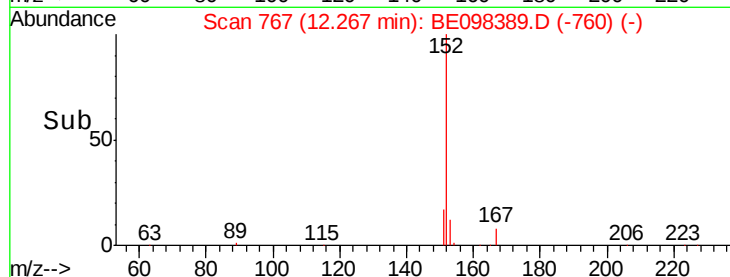
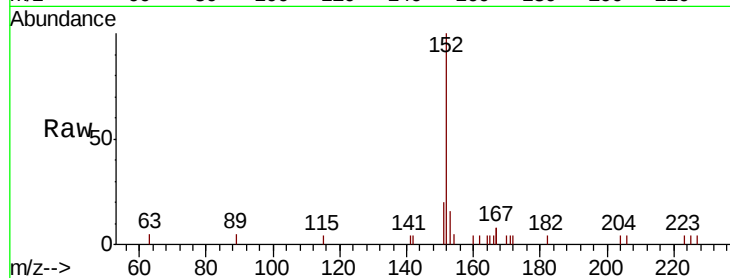
RE-131D1-20181205

Tot Ion:152 Resp: 3073

Ion Ratio Lower Upper

152 100

151 20.3 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: BE098389.D

Acq: 13 Dec 2018 10:11

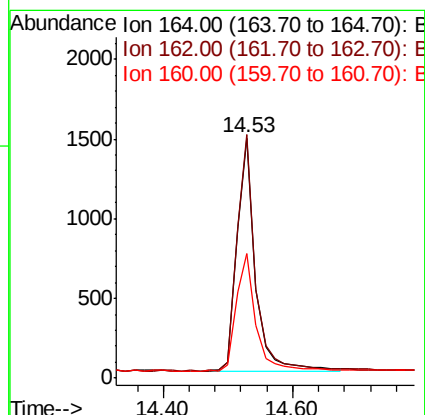
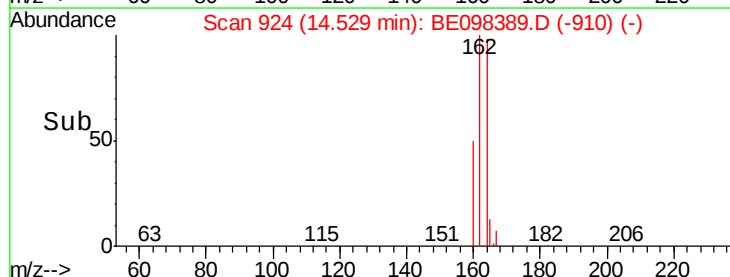
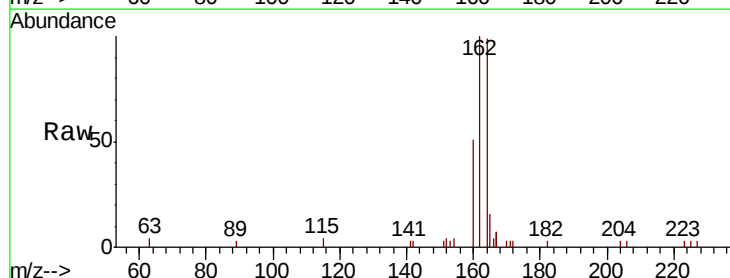
Tgt Ion:164 Resp: 2865

Ion Ratio Lower Upper

164 100

162 101.5 77.6 116.4

160 51.9 36.0 54.0

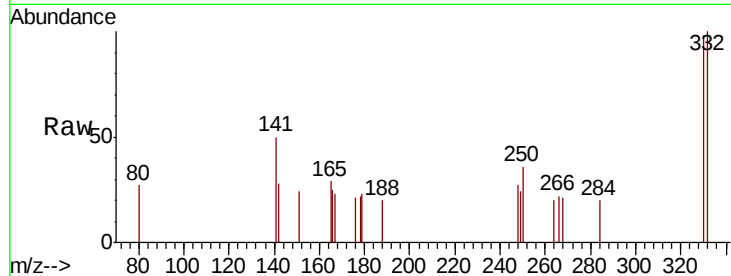




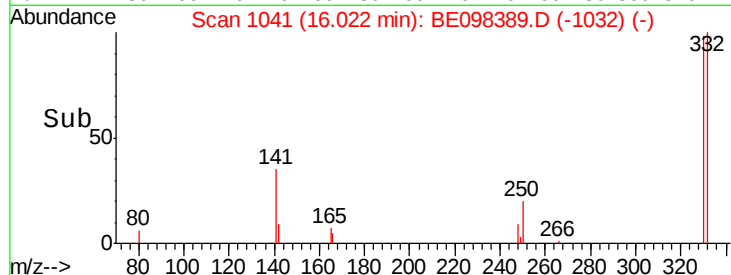
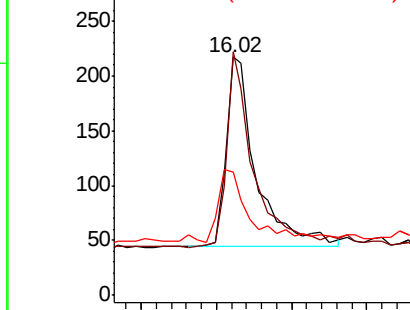
#14
 2,4,6-Tribromophenol
 Concen: 0.464 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098389.D
 Acq: 13 Dec 2018 10:11

Instrument :
 BNA_E
 ClientSampleId :
 RE-131D1-20181205

Tot Ion:330 Resp: 488
 Ion Ratio Lower Upper
 330 100
 332 92.8 76.2 114.4
 141 41.4 39.0 58.4

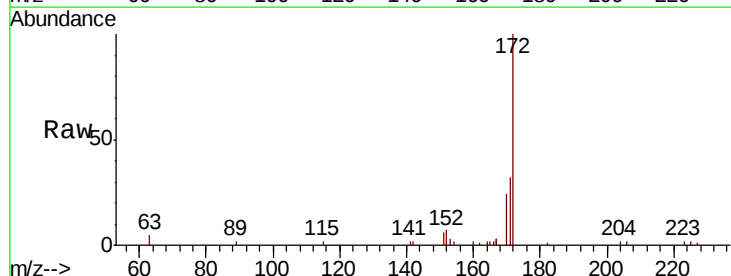


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

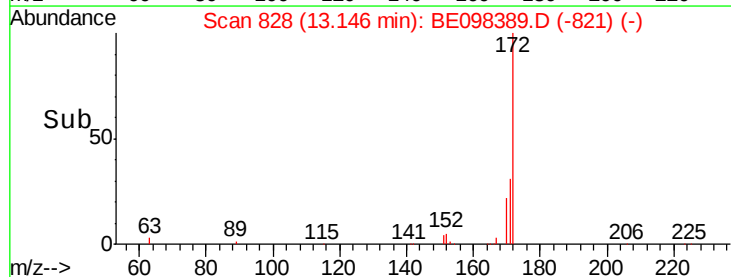
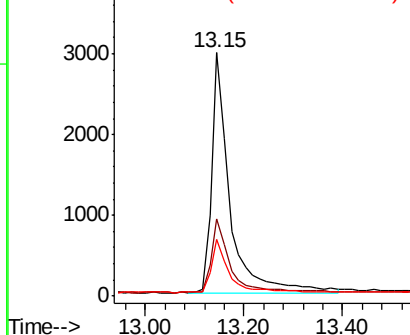


#15
 2-Fluorobiphenyl
 Concen: 0.618 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098389.D
 Acq: 13 Dec 2018 10:11

Tgt Ion:172 Resp: 7473
 Ion Ratio Lower Upper
 172 100
 171 31.7 27.5 41.3
 170 23.5 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: BE098389.D

Acq: 13 Dec 2018 10:11

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20181205

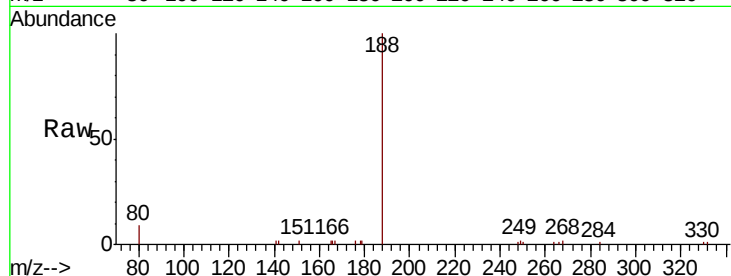
Tot Ion:188 Resp: 7609

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

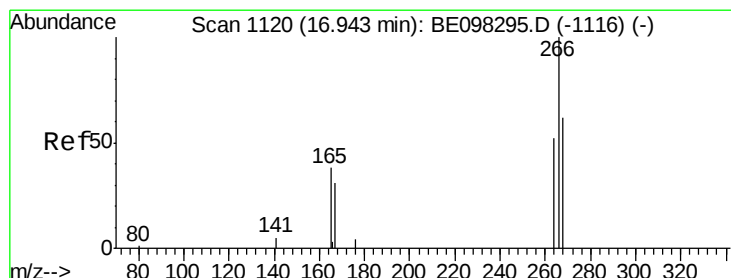
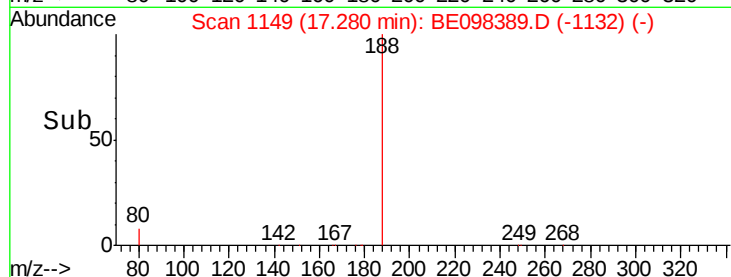
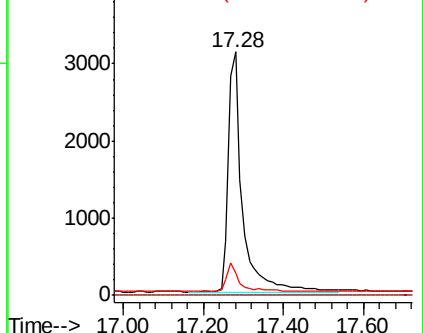
80 9.3 7.2 10.8



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: 0.023 ng

RT: 16.92 min Scan# 1118

Delta R.T. -0.02 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

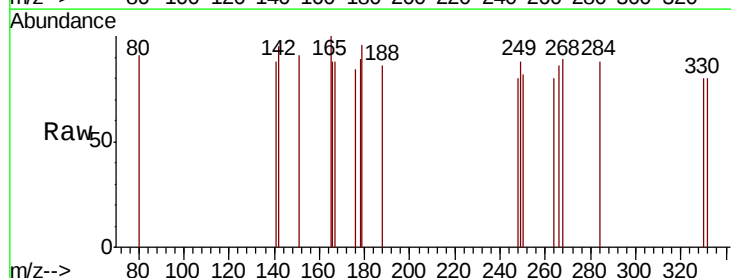
Tgt Ion:266 Resp: 5

Ion Ratio Lower Upper

266 100

264 93.8 59.0 88.4#

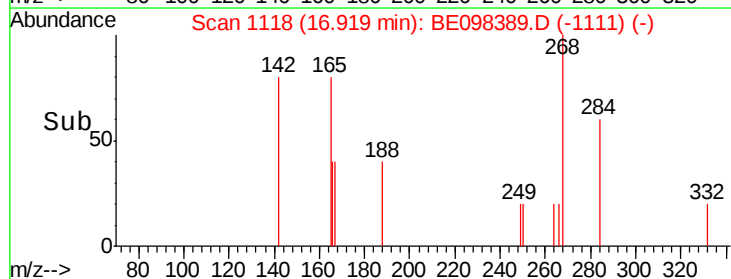
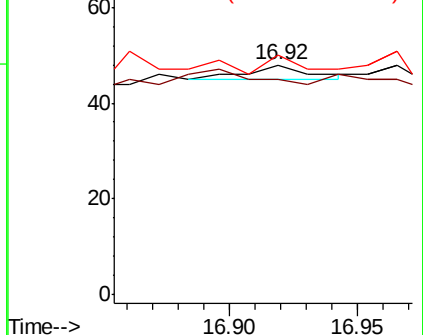
268 104.2 55.1 82.7#

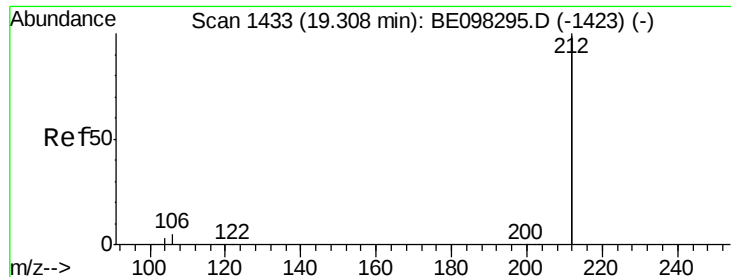


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.451 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

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RE-131D1-20181205

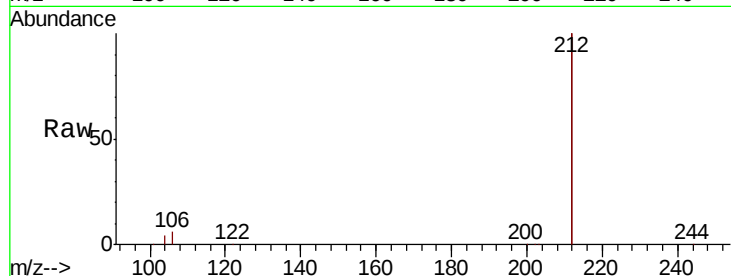
Tot Ion:212 Resp: 44023

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

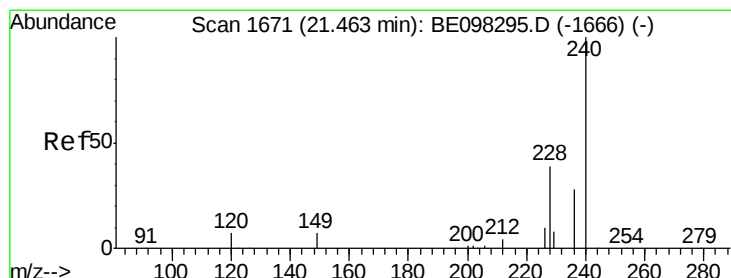
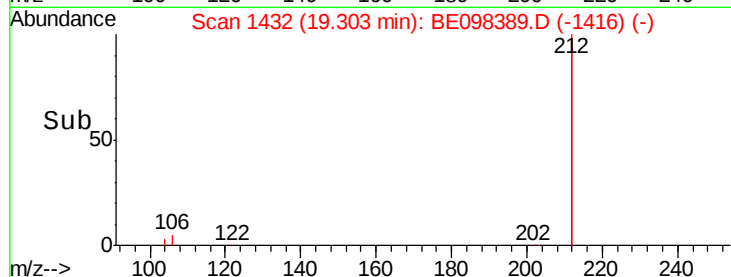
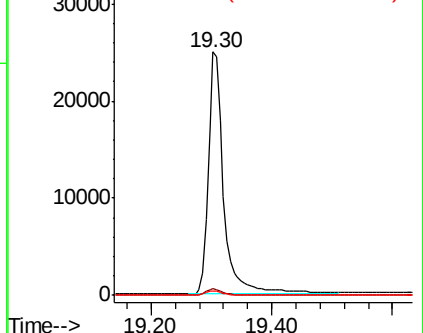
104 1.5 1.3 1.9



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: BE098389.D

Acq: 13 Dec 2018 10:11

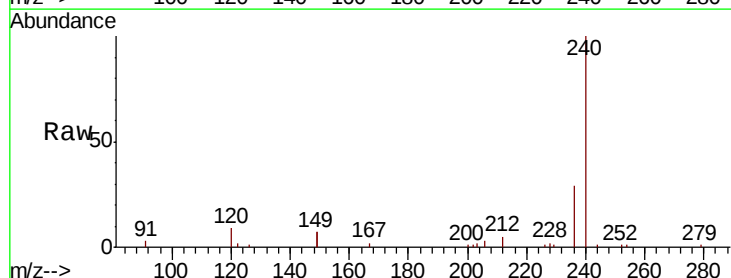
Tgt Ion:240 Resp: 8563

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

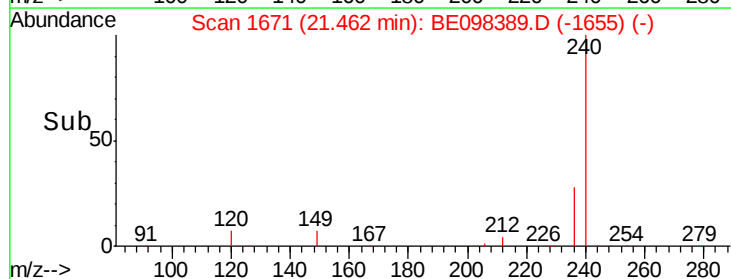
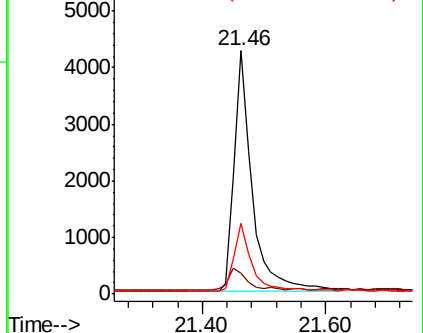
236 29.1 22.7 34.1

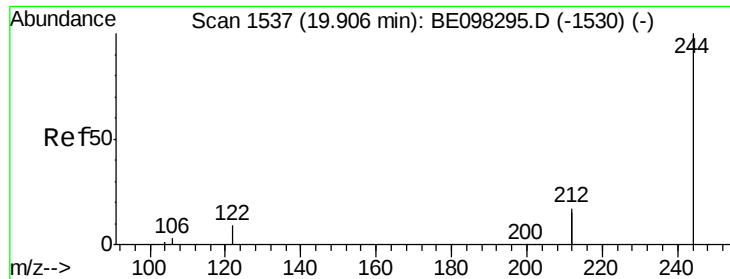


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.470 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20181205

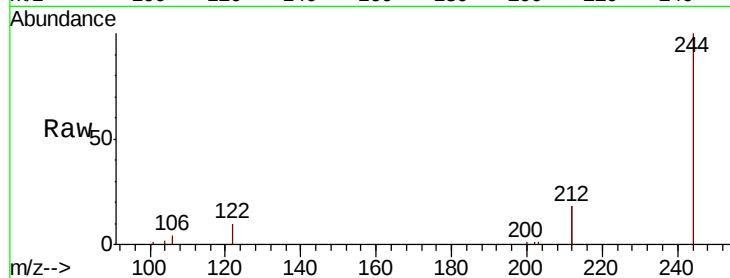
Tot Ion:244 Resp: 9780

Ion Ratio Lower Upper

244 100

212 36.4 27.4 41.0

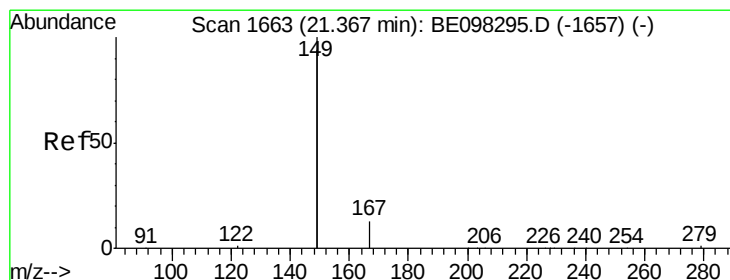
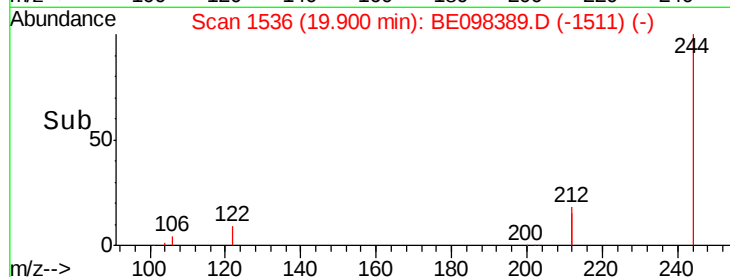
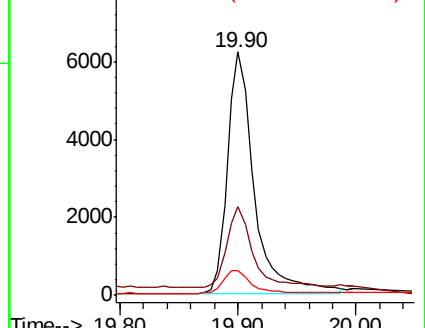
122 10.2 8.3 12.5



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: 0.036 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

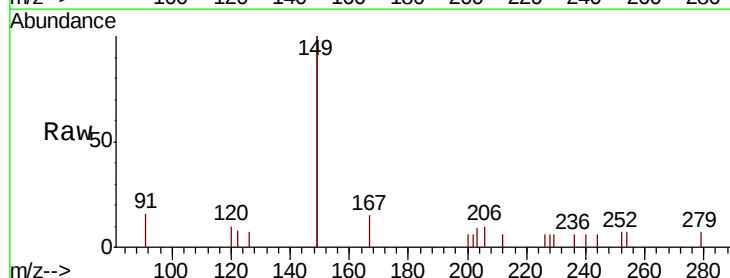
Tgt Ion:149 Resp: 1777

Ion Ratio Lower Upper

149 100

167 7.8 5.7 8.5

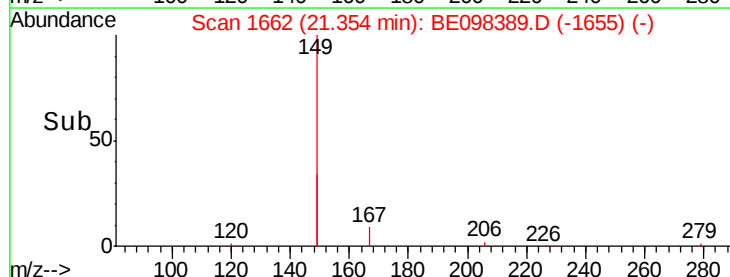
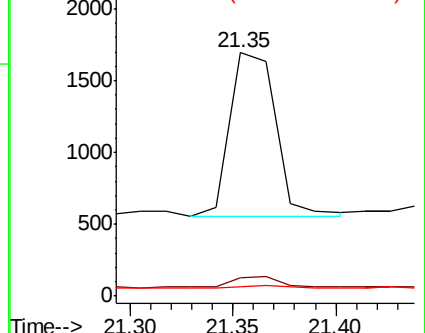
279 1.6 1.0 1.4#

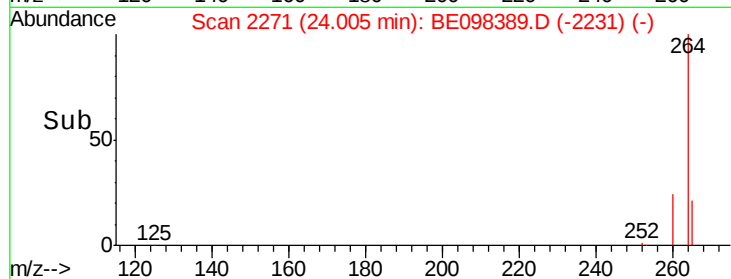
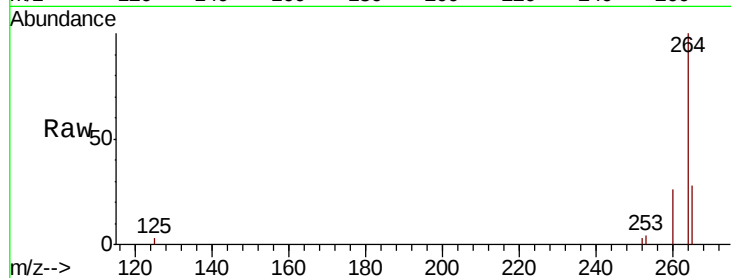


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2271

Delta R.T. -0.01 min

Lab File: BE098389.D

Acq: 13 Dec 2018 10:11

Instrument :

BNA_E

ClientSampleId :

RE-131D1-20181205

Tot Ion: 264 Resp: 8194

Ion Ratio Lower Upper

264 100

260 25.8 20.2 30.2

265 28.0 25.2 37.8

