

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098398.D
 Acq On : 13 Dec 2018 15:53
 Operator : SJ/JU
 Sample : J6321-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20181207

Quant Time: Dec 13 21:02:53 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

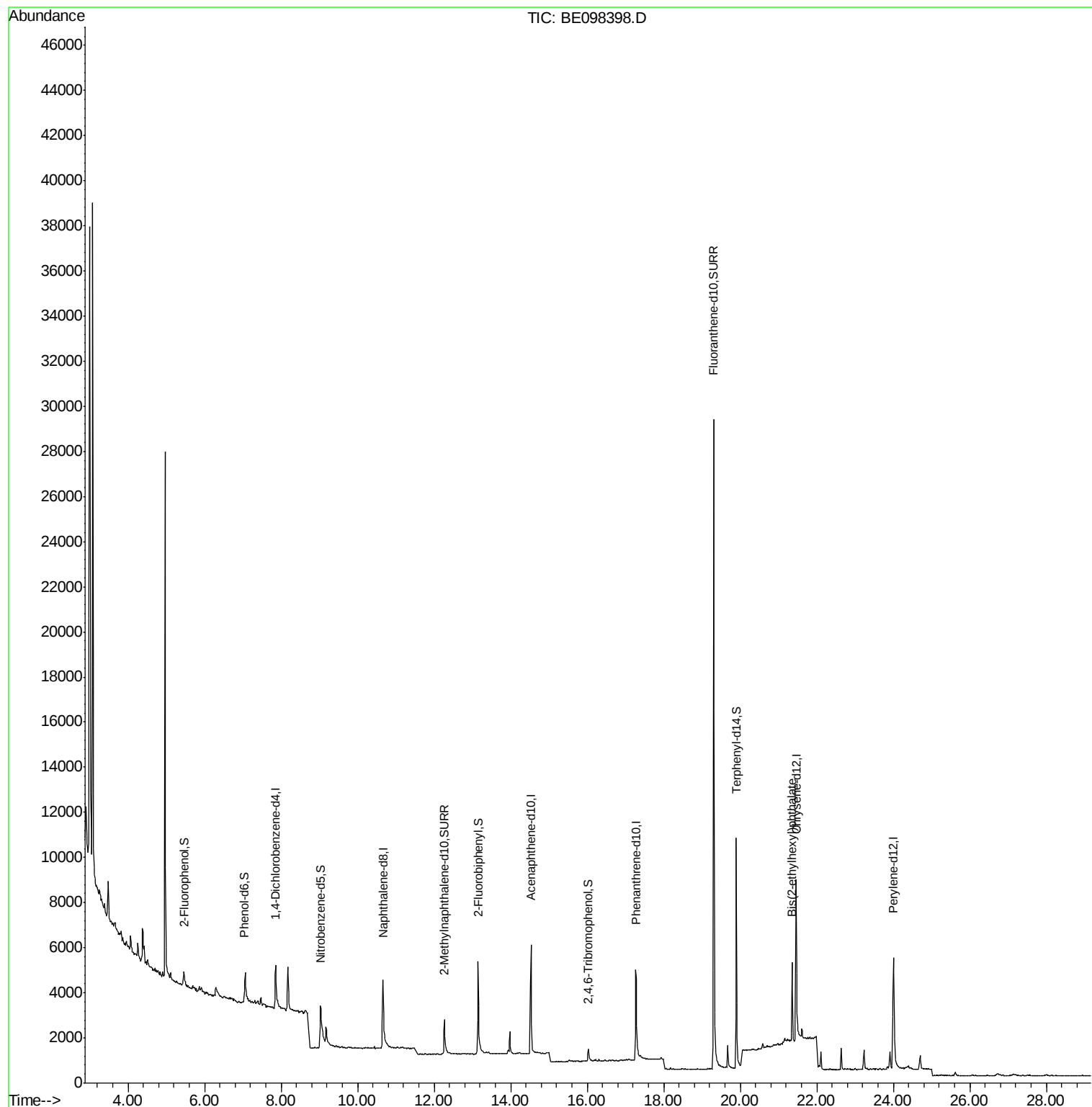
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1238	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5011	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3055	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7761	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	10131	0.40	ng	0.00
34) Perylene-d12	24.00	264	9327	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	565	0.20	ng	0.00
5) Phenol-d6	7.04	99	502	0.12	ng	0.00
8) Nitrobenzene-d5	9.04	82	1448	0.32	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3092	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	526	0.47	ng	0.00
15) 2-Fluorobiphenyl	13.14	172	5318	0.41	ng	0.00
25) Fluoranthene-d10	19.30	212	45553	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	10118	0.41	ng	0.00
Target Compounds						Qvalue
32) Bis(2-ethylhexyl)phthalate	21.35	149	4686	0.080	ng	# 98

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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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: BE098398.D

Acq: 13 Dec 2018 15:53

Instrument :

BNA_E

ClientSampleId :

RE123D1-20181207

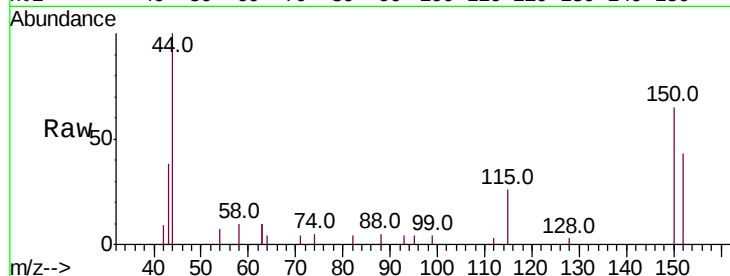
Tot Ion:152 Resp: 1238

Ion Ratio Lower Upper

152 100

150 152.5 124.2 186.4

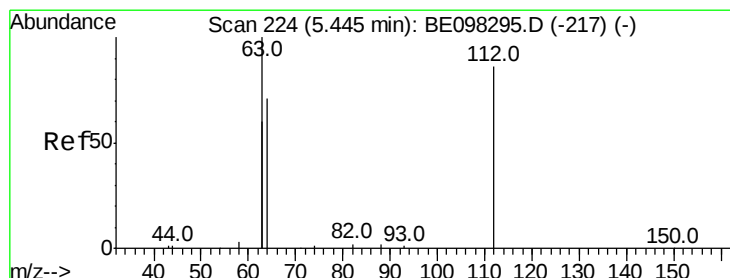
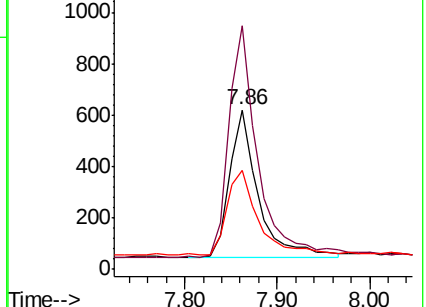
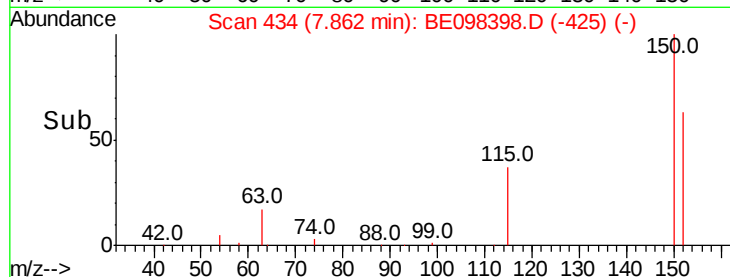
115 62.2 53.9 80.9



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



#4

2-Fluorophenol

Concen: 0.195 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

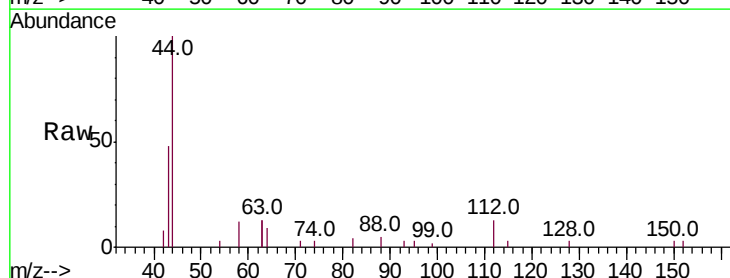
Tgt Ion:112 Resp: 565

Ion Ratio Lower Upper

112 100

64 81.1 59.8 89.8

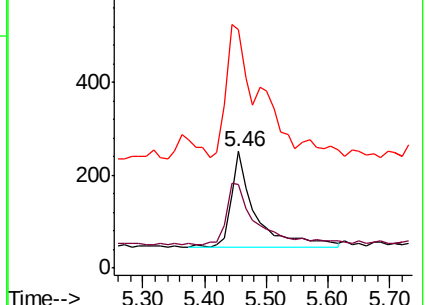
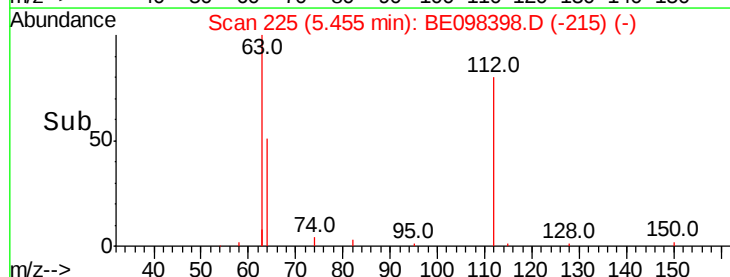
63 186.5 133.7 200.5

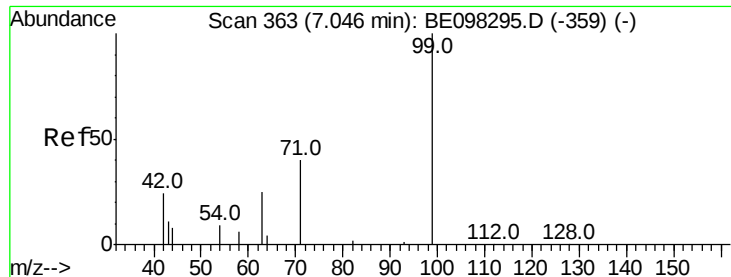


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.122 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

Instrument :

BNA_E

ClientSampleId :

RE123D1-20181207

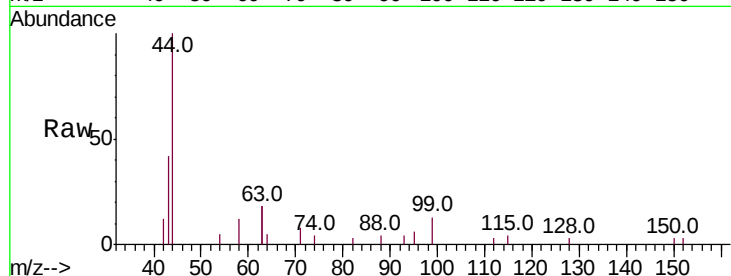
Tot Ion: 99 Resp: 502

Ion Ratio Lower Upper

99 100

42 44.4 26.3 39.5#

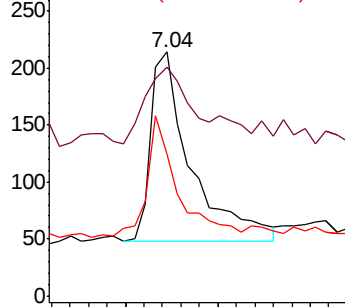
71 49.8 33.6 50.4



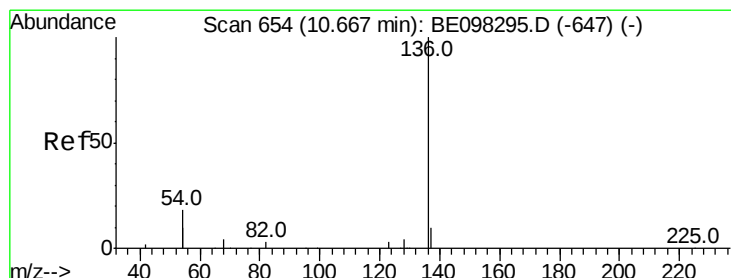
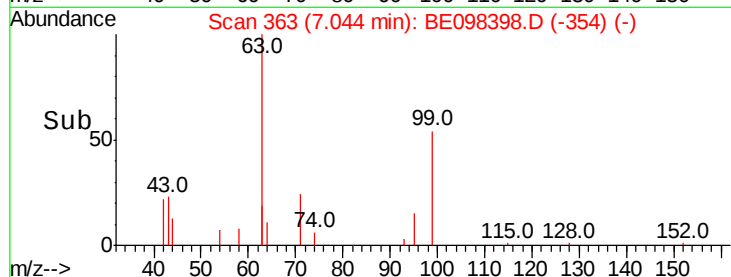
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

Tgt Ion: 136 Resp: 5011

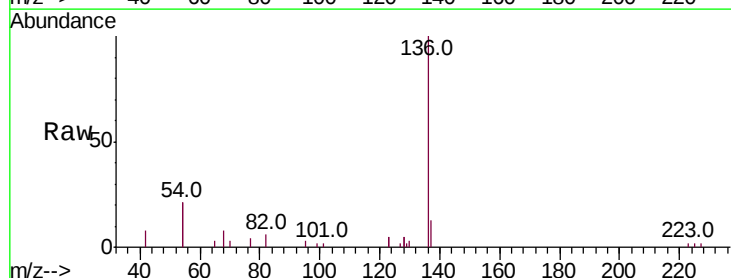
Ion Ratio Lower Upper

136 100

137 12.8 9.2 13.8

54 41.4 28.4 42.6

68 7.8 5.4 8.0

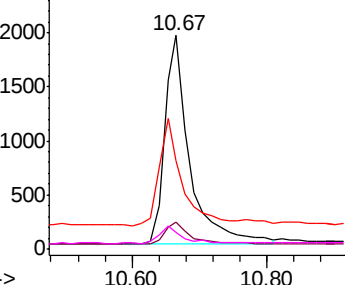


Abundance Ion 136.00 (135.70 to 136.70): E

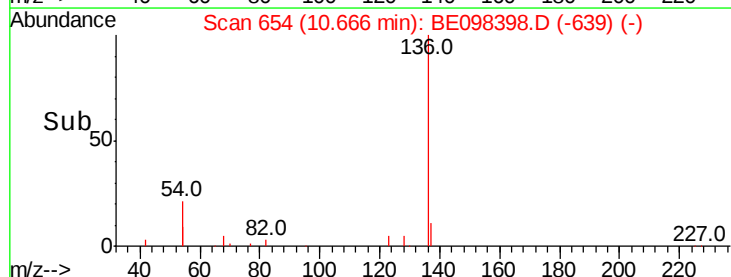
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



Time-->





#8

Nitrobenzene-d5

Concen: 0.317 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

Instrument :

BNA_E

ClientSampleId :

RE123D1-20181207

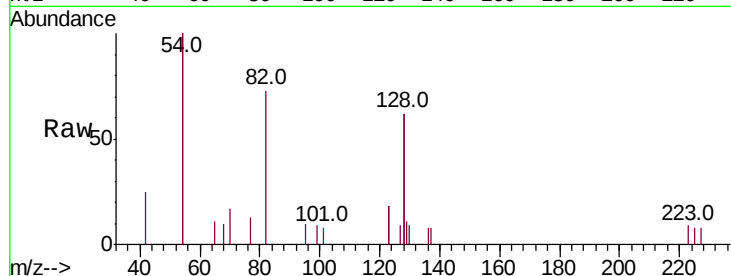
Tot Ion: 82 Resp: 1448

Ion Ratio Lower Upper

82 100

128 168.2 102.4 153.6#

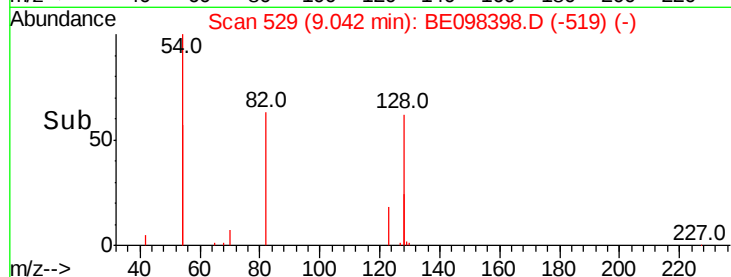
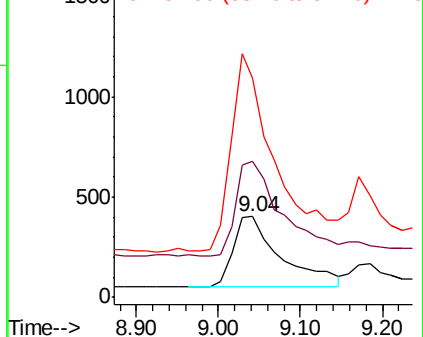
54 272.1 221.8 332.8



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.379 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098398.D

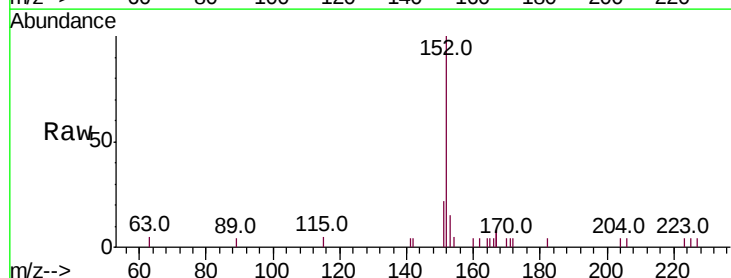
Acq: 13 Dec 2018 15:53

Tgt Ion: 152 Resp: 3092

Ion Ratio Lower Upper

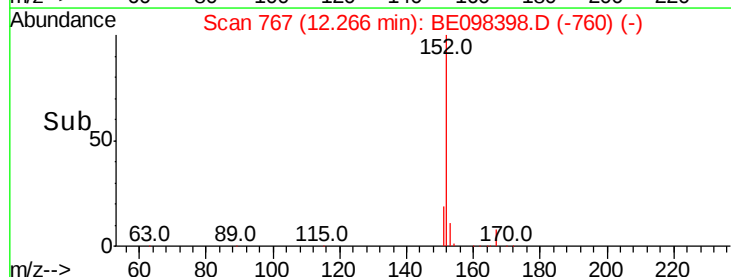
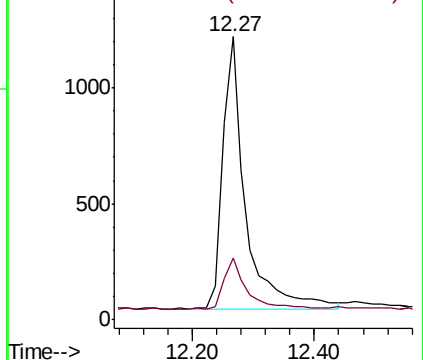
152 100

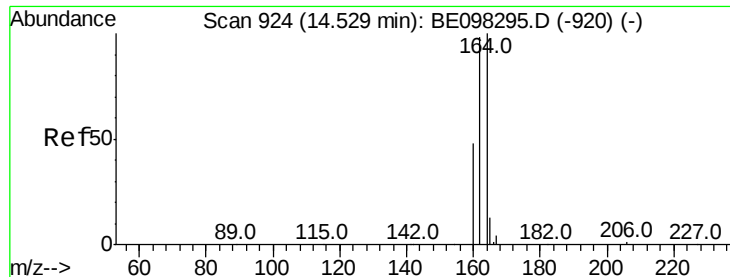
151 18.7 16.2 24.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. -0.00 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

Instrument :

BNA_E

ClientSampleId :

RE123D1-20181207

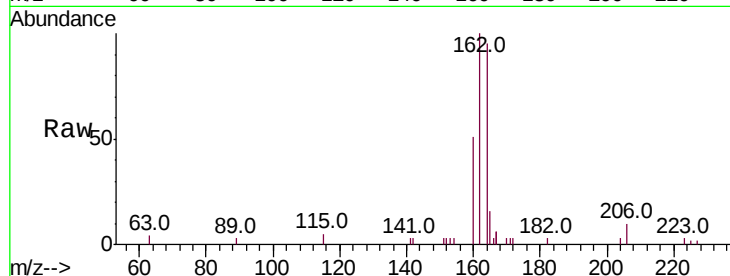
Tot Ion:164 Resp: 3055

Ion Ratio Lower Upper

164 100

162 105.0 77.6 116.4

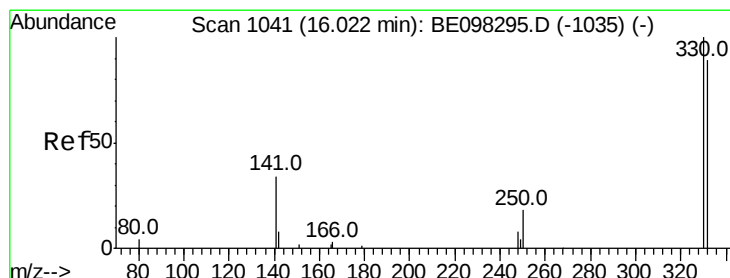
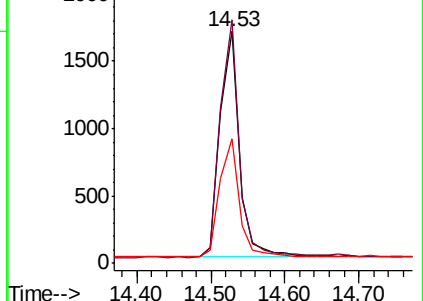
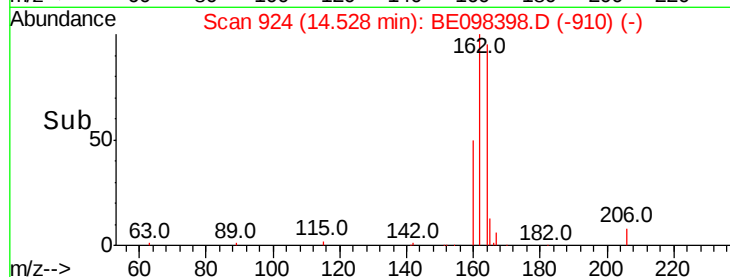
160 53.9 36.0 54.0



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



#14

2,4,6-Tribromophenol

Concen: 0.469 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

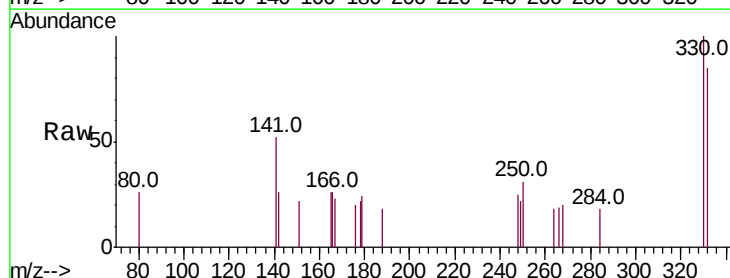
Tgt Ion:330 Resp: 526

Ion Ratio Lower Upper

330 100

332 89.9 76.2 114.4

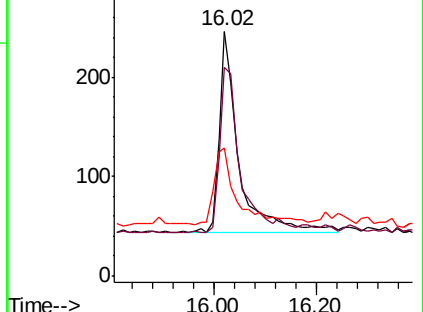
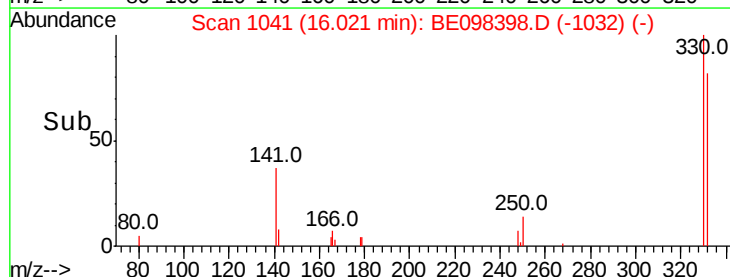
141 44.7 39.0 58.4

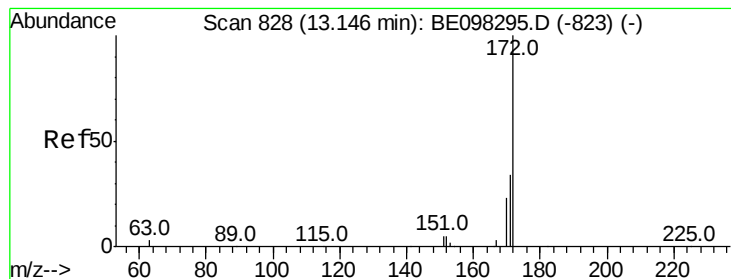


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

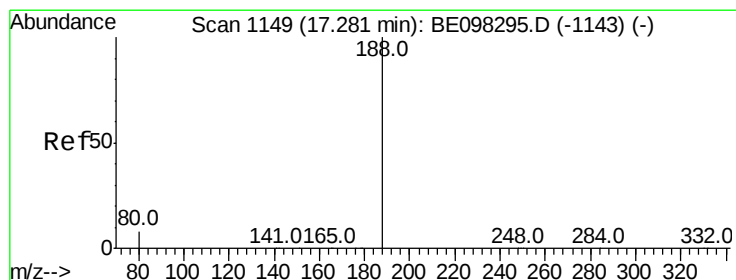
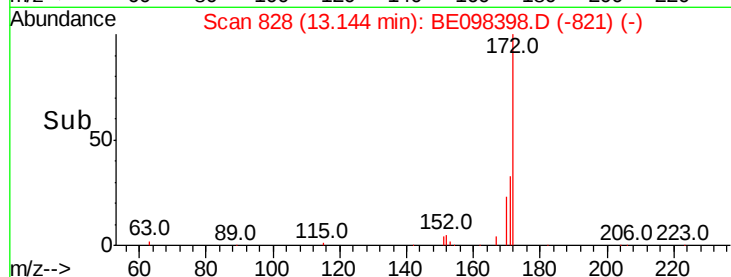
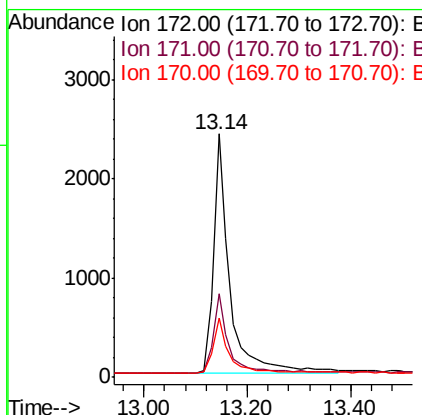
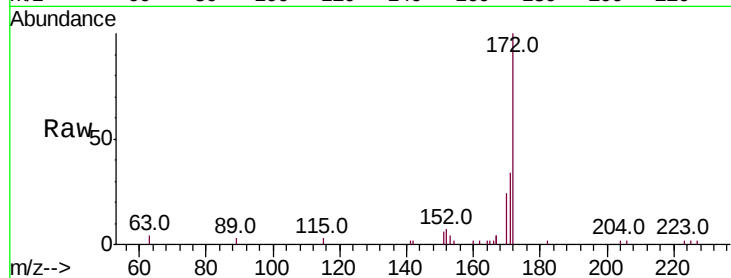




#15
2-Fluorobiphenyl
Concen: 0.413 ng
RT: 13.14 min Scan# 828
Delta R.T. -0.00 min
Lab File: BE098398.D
Acq: 13 Dec 2018 15:53

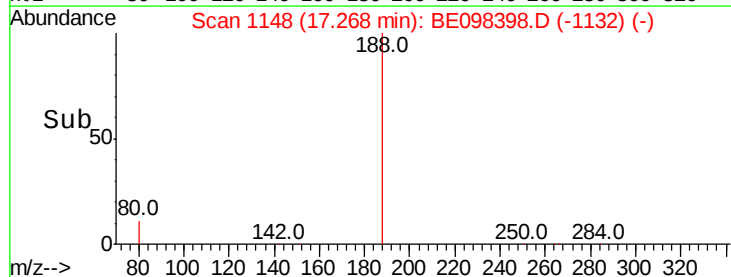
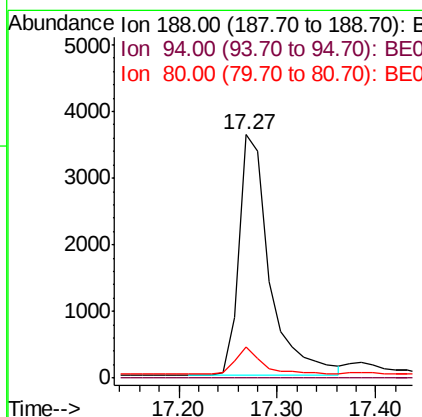
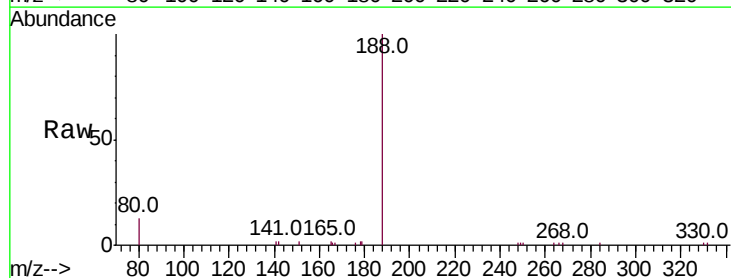
Instrument :
BNA_E
ClientSampleId :
RE123D1-20181207

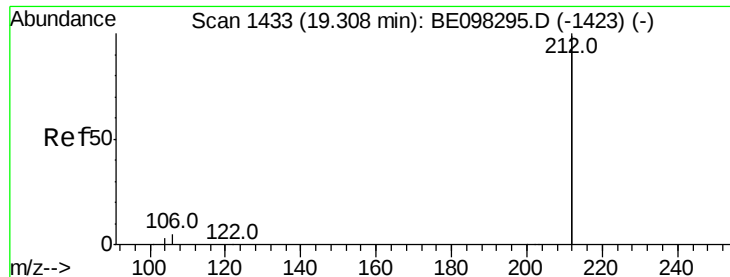
Tot Ion:172 Resp: 5318
Ion Ratio Lower Upper
172 100
171 34.3 27.5 41.3
170 24.1 19.6 29.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.27 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BE098398.D
Acq: 13 Dec 2018 15:53

Tgt Ion:188 Resp: 7761
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.8 7.2 10.8#





#25

Fluoranthene-d10

Concen: 0.458 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

Instrument :

BNA_E

ClientSampleId :

RE123D1-20181207

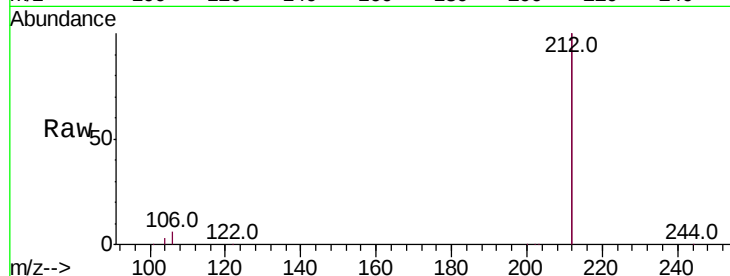
Tot Ion:212 Resp: 45553

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

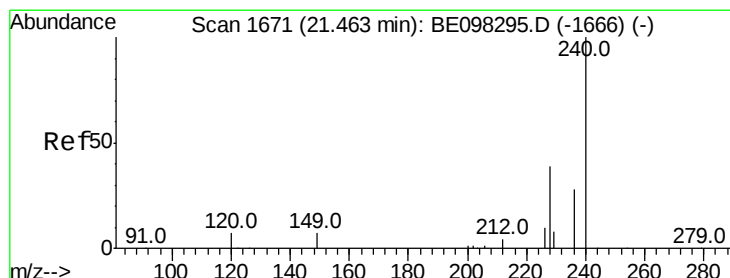
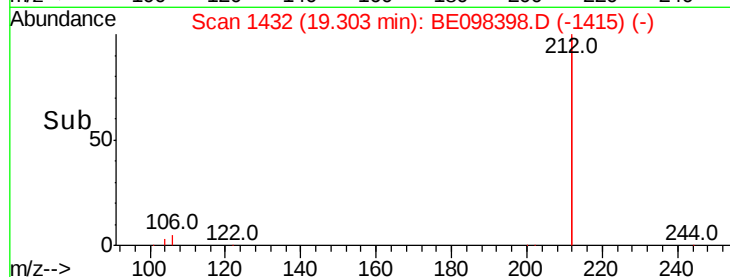
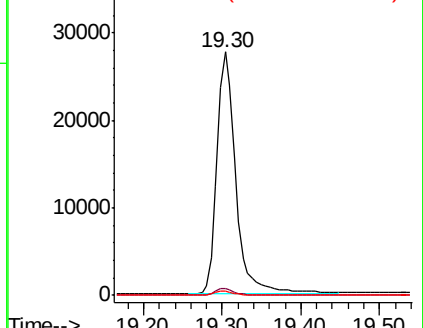
104 1.5 1.3 1.9



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: BE098398.D

Acq: 13 Dec 2018 15:53

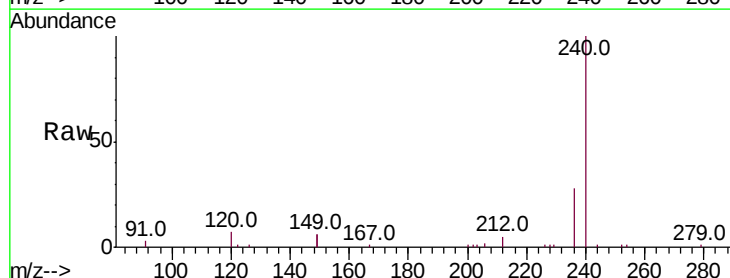
Tgt Ion:240 Resp: 10131

Ion Ratio Lower Upper

240 100

120 6.8 9.5 14.3#

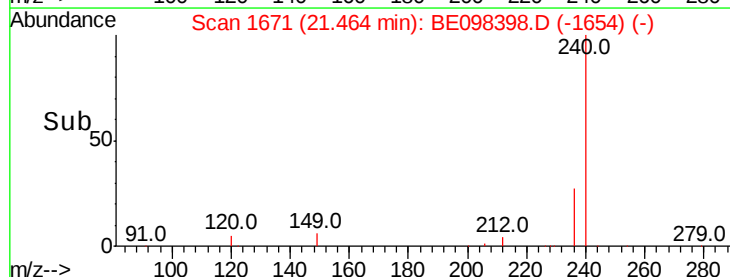
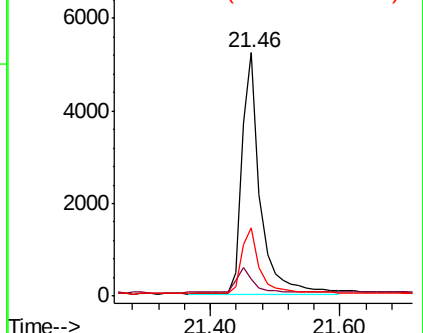
236 27.8 22.7 34.1

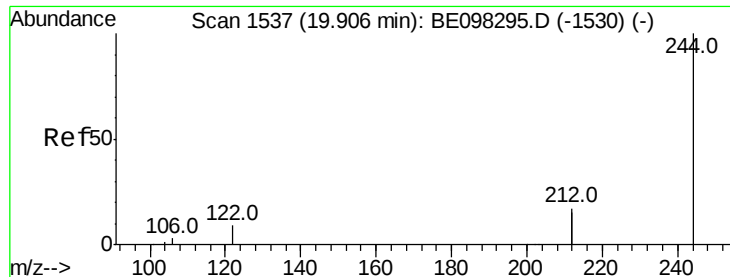


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.411 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

Instrument :

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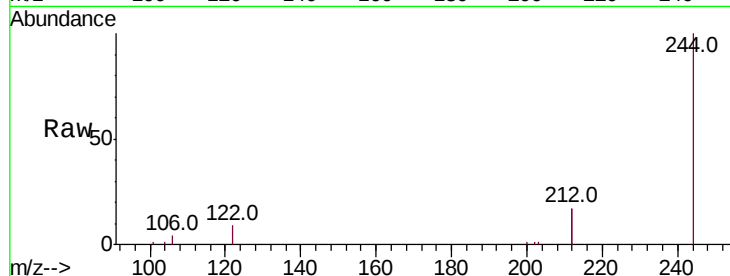
Tot Ion:244 Resp: 10118

Ion Ratio Lower Upper

244 100

212 34.1 27.4 41.0

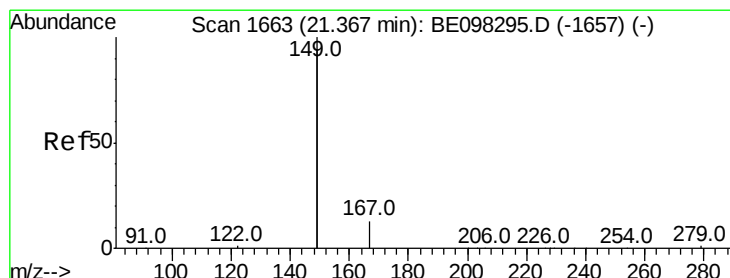
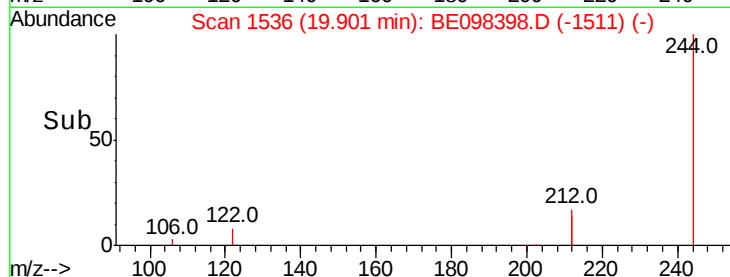
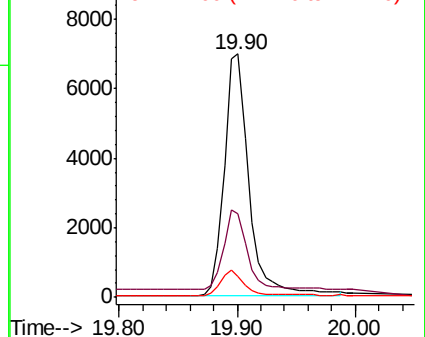
122 8.8 8.3 12.5



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: 0.080 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

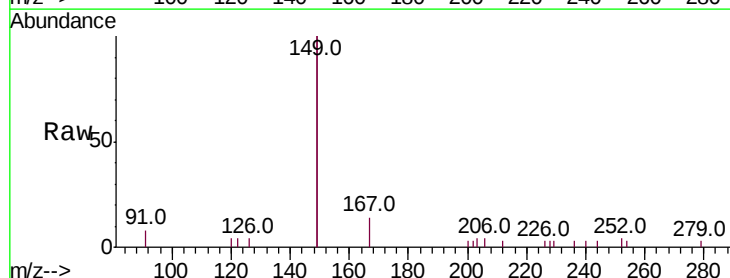
Tgt Ion:149 Resp: 4686

Ion Ratio Lower Upper

149 100

167 6.2 5.7 8.5

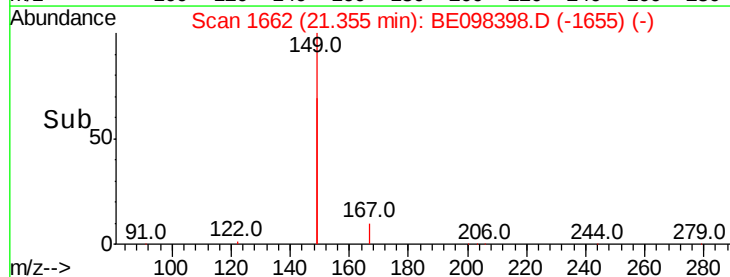
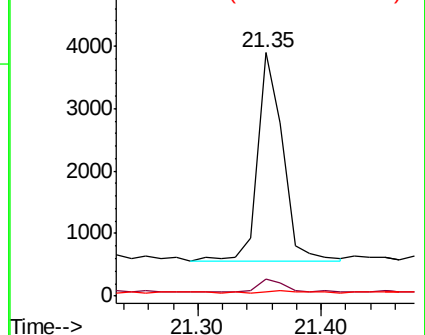
279 1.5 1.0 1.4#

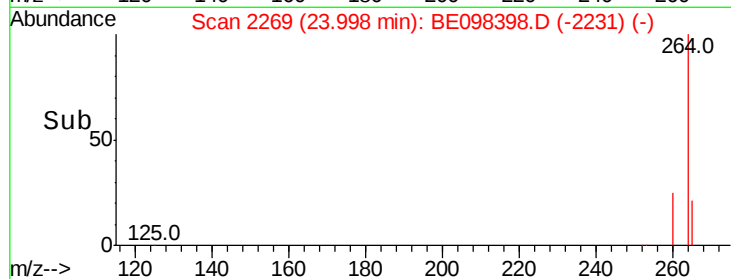
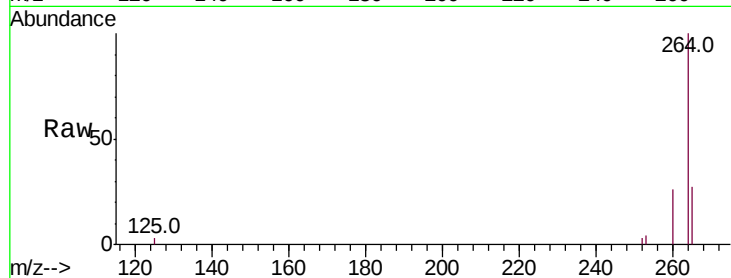


Abundance Ion 149.00 (148.70 to 149.70): E

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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098398.D

Acq: 13 Dec 2018 15:53

Instrument :

BNA_E

ClientSampleId :

RE123D1-20181207

Tot Ion:264 Resp: 9327

Ion Ratio Lower Upper

264 100

260 26.3 20.2 30.2

265 27.3 25.2 37.8

