

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098378.D
 Acq On : 13 Dec 2018 1:35
 Operator : SJ/JU
 Sample : J6325-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204

Quant Time: Dec 13 07:22:50 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

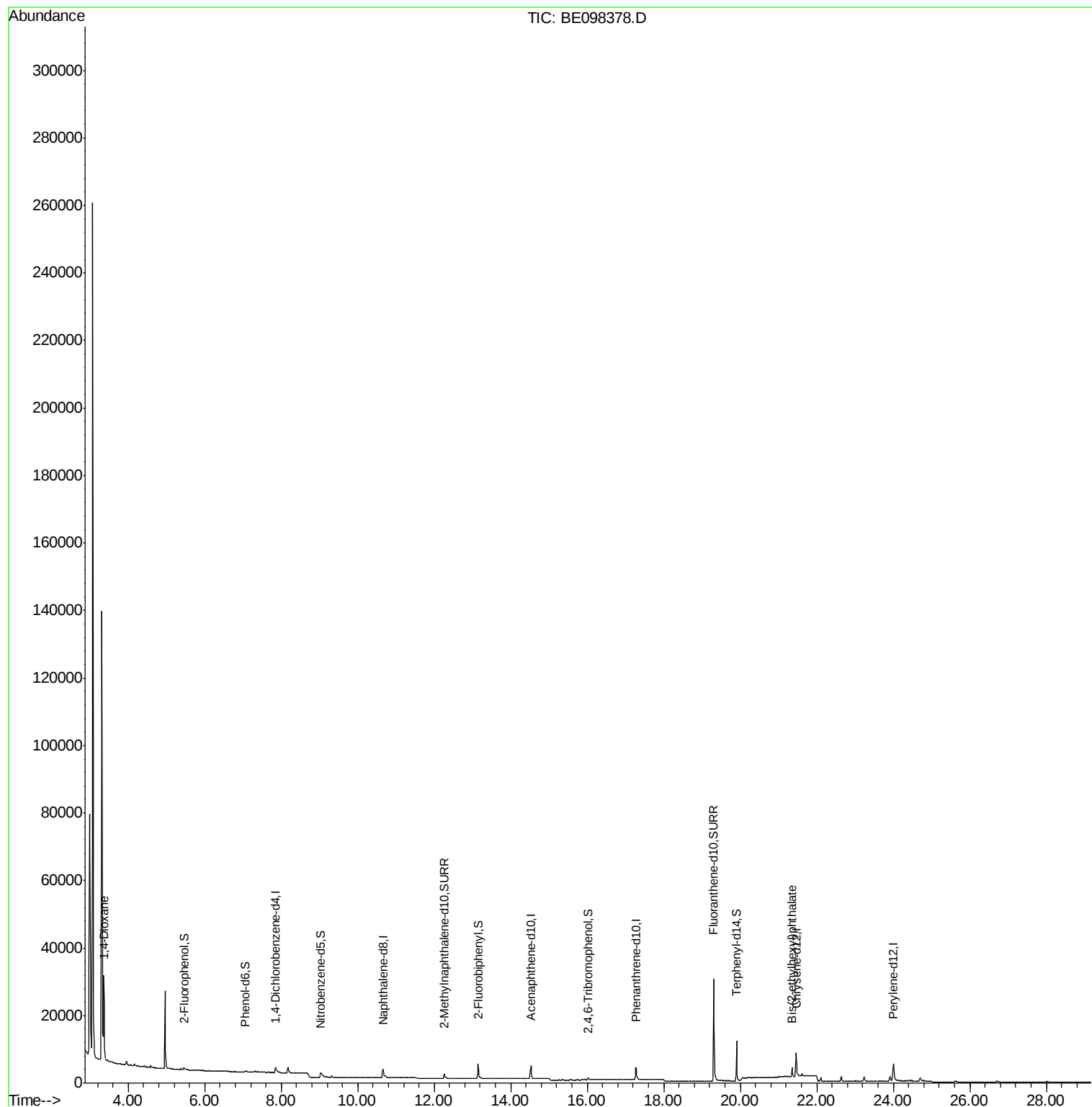
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1021	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4391	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2938	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7803	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	9543	0.40	ng	0.00
34) Perylene-d12	24.00	264	9017	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	518	0.22	ng	0.00
5) Phenol-d6	7.05	99	363	0.11	ng	0.00
8) Nitrobenzene-d5	9.04	82	1567	0.39	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	3134	0.44	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	588	0.55	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5818	0.47	ng	0.00
25) Fluoranthene-d10	19.30	212	47740	0.48	ng	0.00
29) Terphenyl-d14	19.90	244	11170	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	12895	7.303	ng	97
32) Bis(2-ethylhexyl)phthalate	21.35	149	3051	0.055	ng	# 99

(#) = 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: BE098378.D

Acq: 13 Dec 2018 1:35

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204

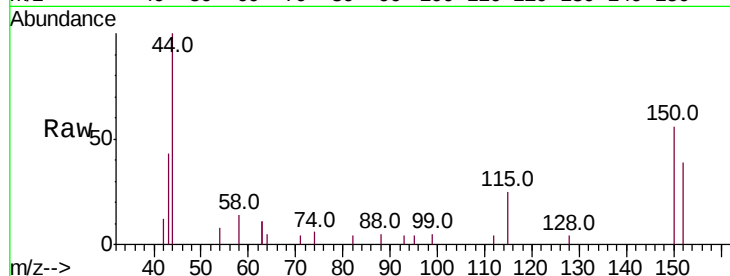
Tot Ion:152 Resp: 1021

Ion Ratio Lower Upper

152 100

150 144.4 124.2 186.4

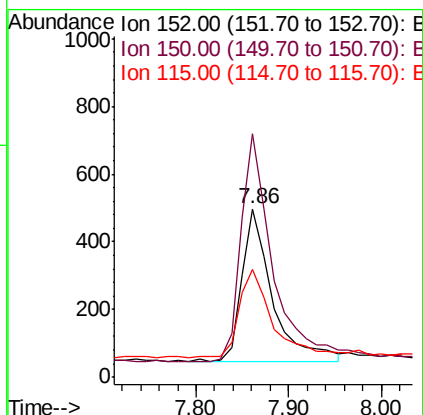
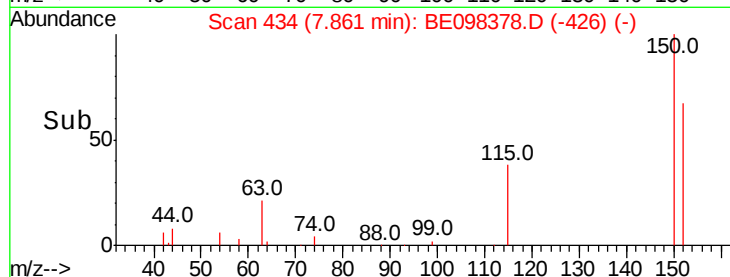
115 64.3 53.9 80.9



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: 7.303 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

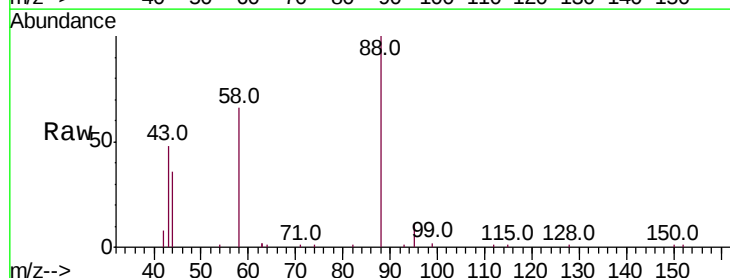
Tgt Ion: 88 Resp: 12895

Ion Ratio Lower Upper

88 100

58 90.7 75.0 112.6

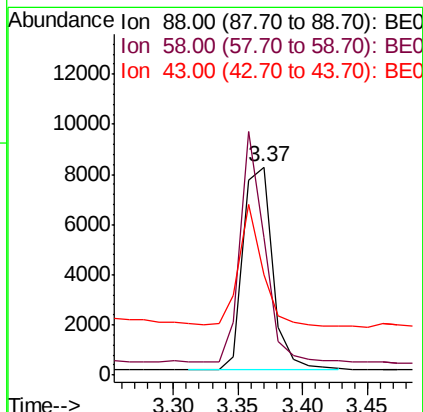
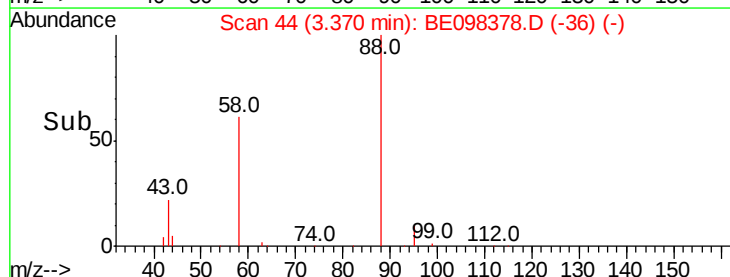
43 46.7 38.3 57.5

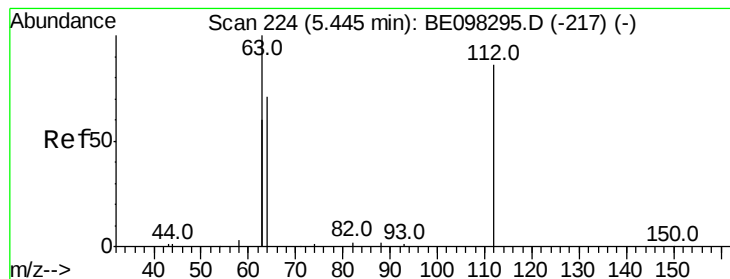


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.217 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204

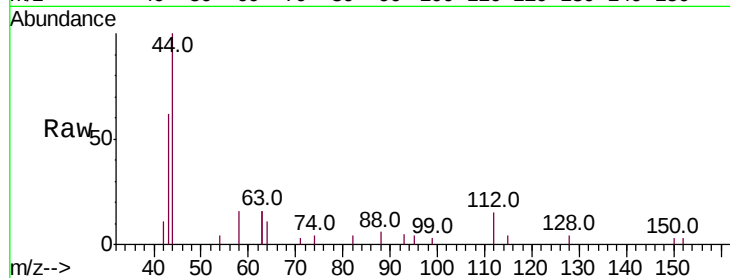
Tot Ion: 112 Resp: 518

Ion Ratio Lower Upper

112 100

64 81.7 59.8 89.8

63 183.2 133.7 200.5



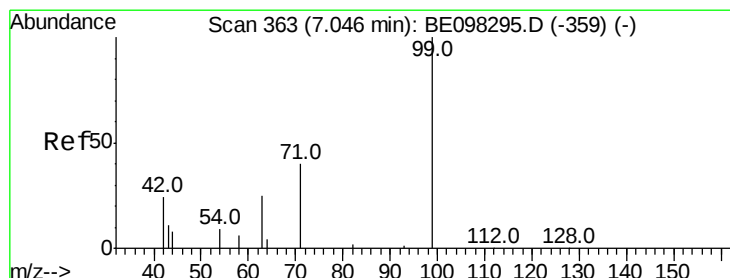
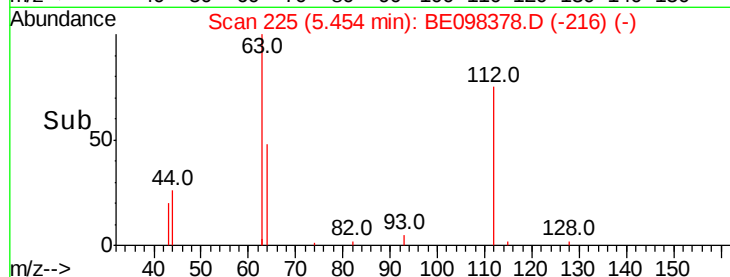
Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

5.45

Time--> 5.30 5.40 5.50 5.60



#5

Phenol-d6

Concen: 0.107 ng

RT: 7.05 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

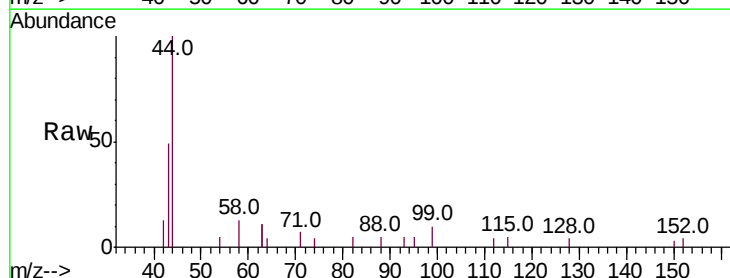
Tgt Ion: 99 Resp: 363

Ion Ratio Lower Upper

99 100

42 50.1 26.3 39.5#

71 39.1 33.6 50.4



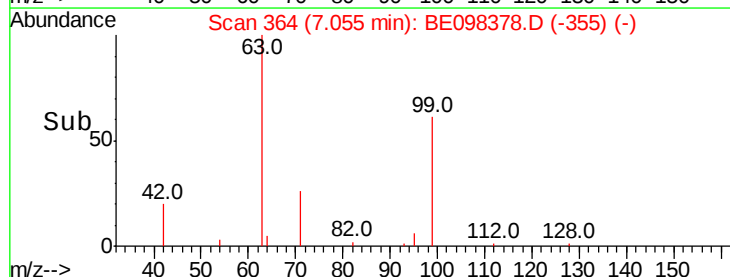
Abundance Ion 99.00 (98.70 to 99.70): BE0

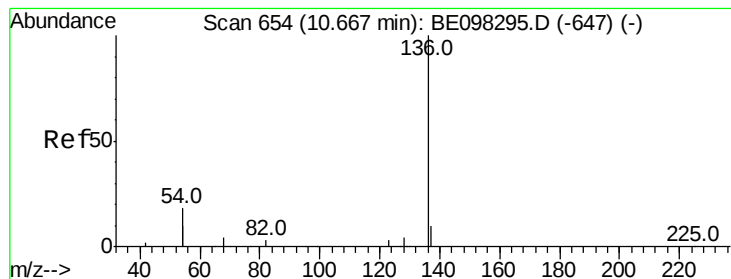
Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

7.05

Time--> 6.90 7.00 7.10 7.20





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204

Tot Ion:136 Resp: 4391

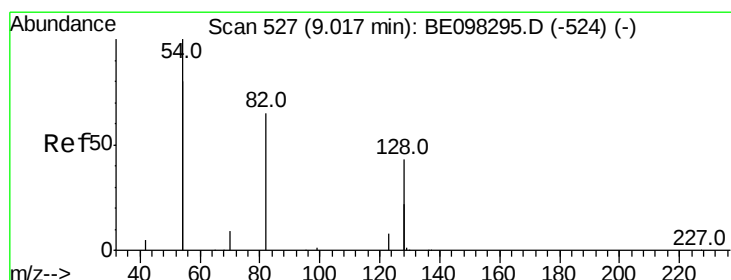
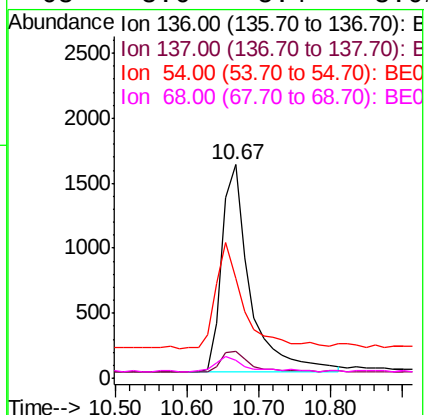
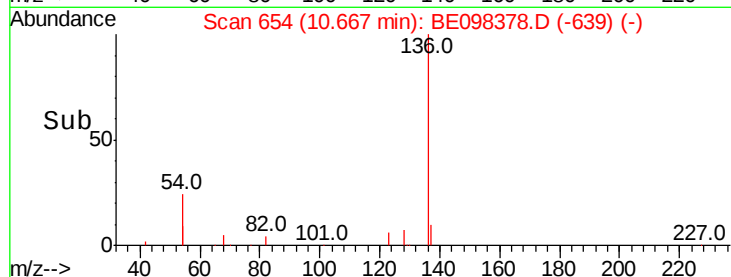
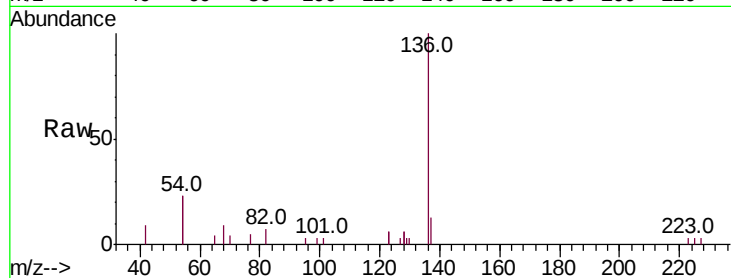
Ion Ratio Lower Upper

136 100

137 12.6 9.2 13.8

54 46.9 28.4 42.6#

68 8.6 5.4 8.0#



#8

Nitrobenzene-d5

Concen: 0.392 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

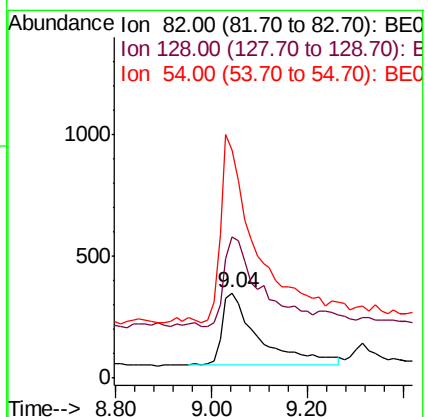
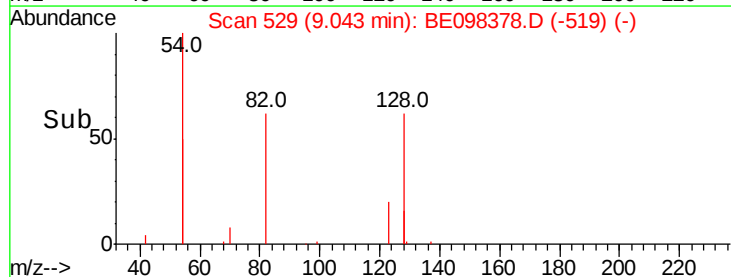
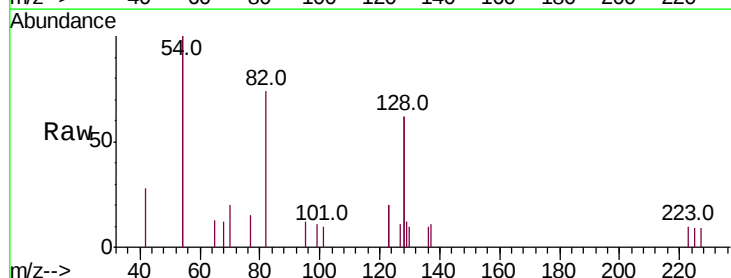
Tgt Ion: 82 Resp: 1567

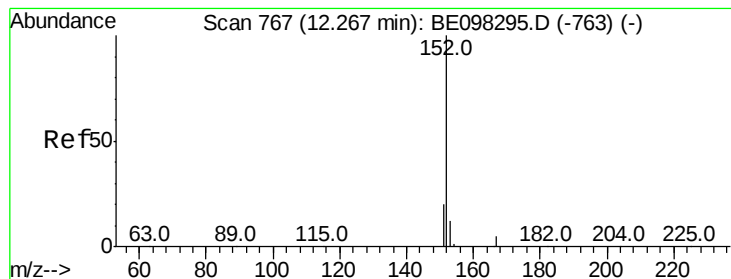
Ion Ratio Lower Upper

82 100

128 166.7 102.4 153.6#

54 269.0 221.8 332.8





#11

2-Methylnaphthalene-d10

Concen: 0.439 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

Instrument :

BNA_E

ClientSampleId :

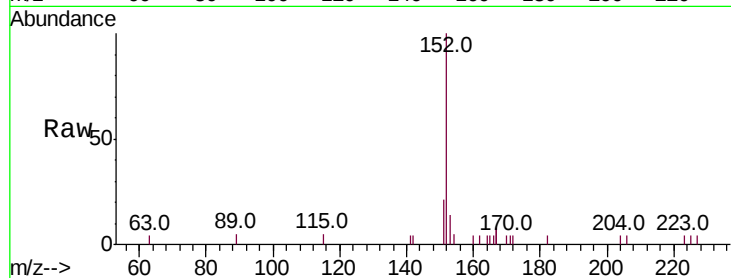
RE-125D2-20181204

Tot Ion:152 Resp: 3134

Ion Ratio Lower Upper

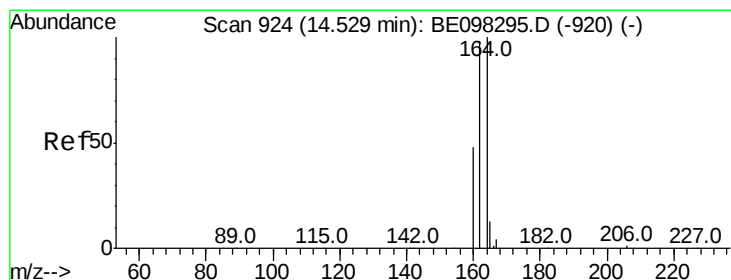
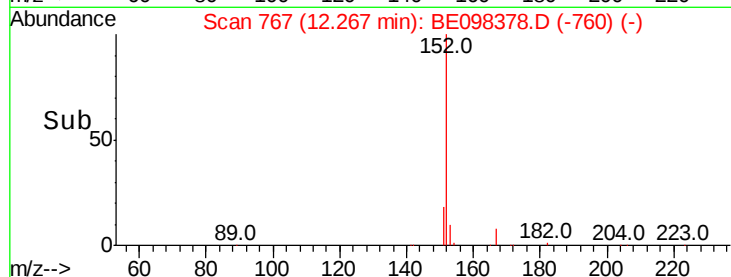
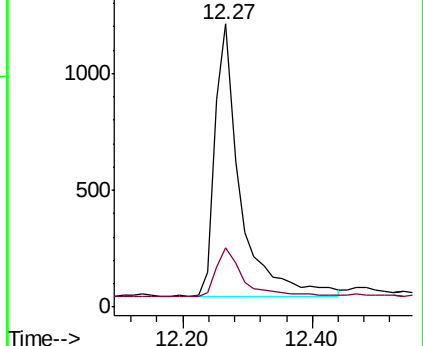
152 100

151 19.2 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: BE098378.D

Acq: 13 Dec 2018 1:35

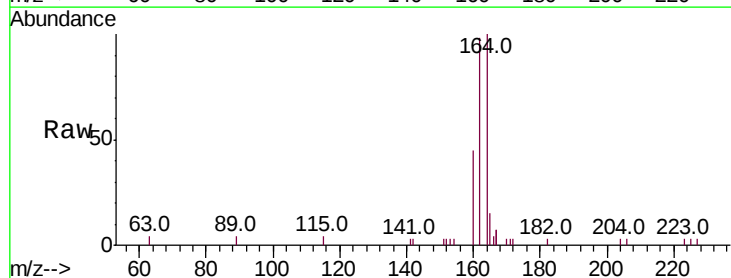
Tgt Ion:164 Resp: 2938

Ion Ratio Lower Upper

164 100

162 97.6 77.6 116.4

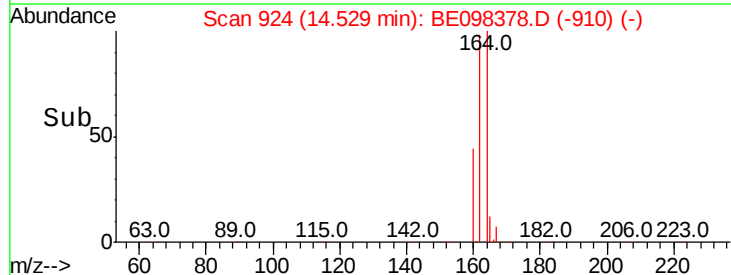
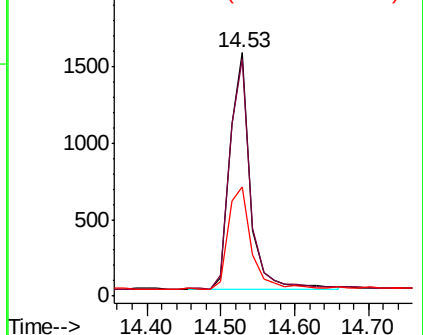
160 45.1 36.0 54.0



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

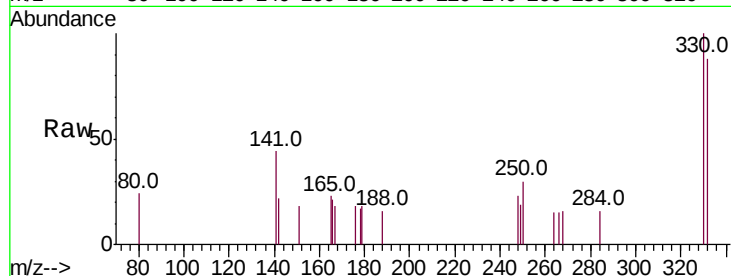




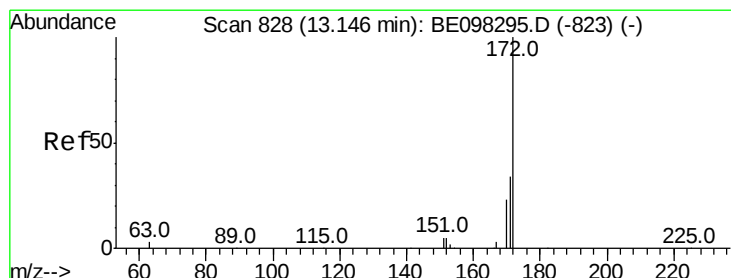
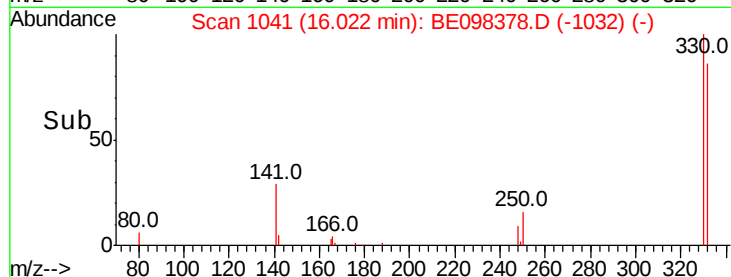
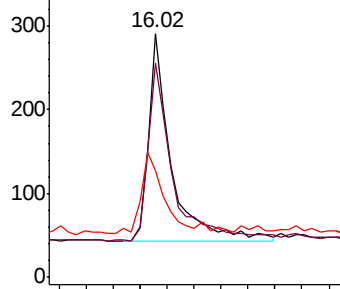
#14
 2,4,6-Tribromophenol
 Concen: 0.545 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BE098378.D
 Acq: 13 Dec 2018 1:35

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204

Tot Ion:330 Resp: 588
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.2 114.4
 141 37.8 39.0 58.4#

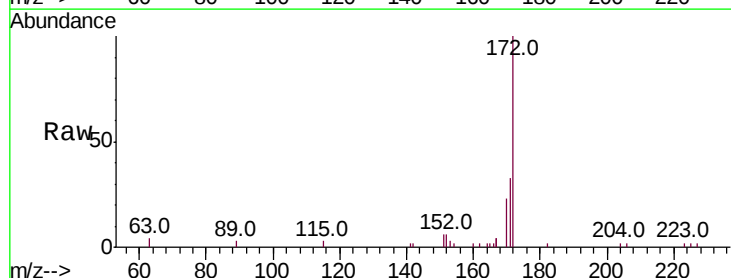


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

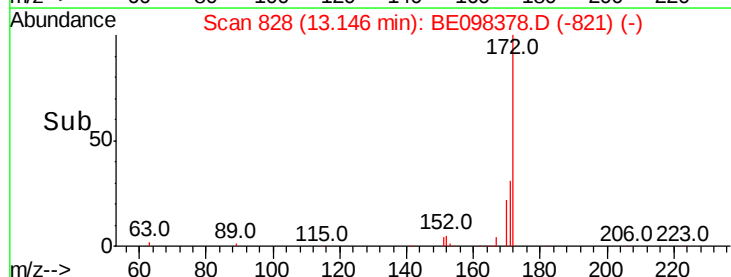
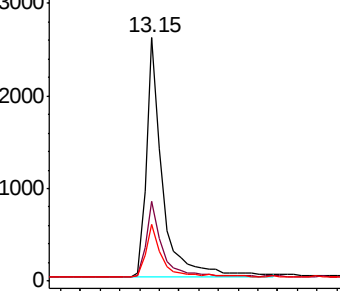


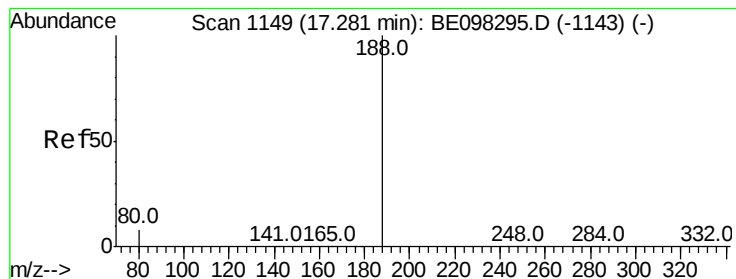
#15
 2-Fluorobiphenyl
 Concen: 0.469 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098378.D
 Acq: 13 Dec 2018 1:35

Tgt Ion:172 Resp: 5818
 Ion Ratio Lower Upper
 172 100
 171 32.7 27.5 41.3
 170 23.2 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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204

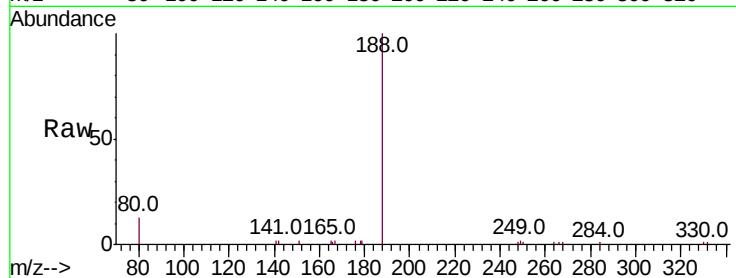
Tot Ion:188 Resp: 7803

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

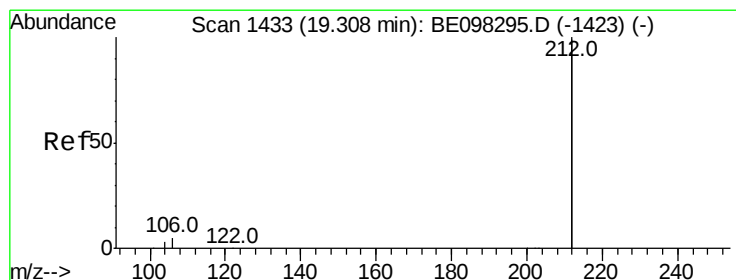
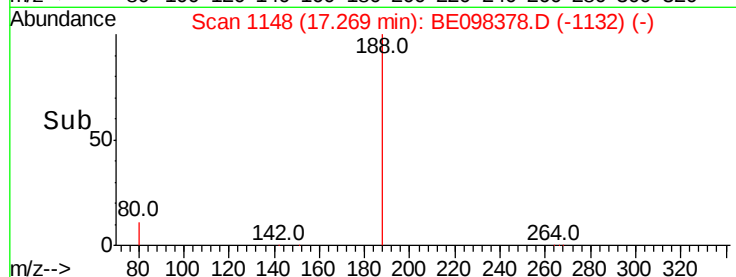
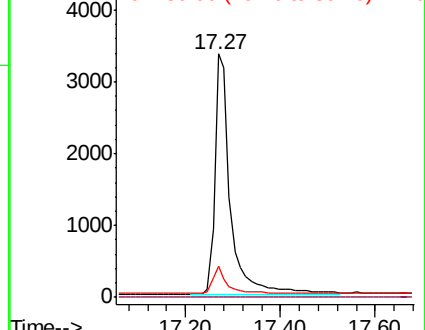
80 12.8 7.2 10.8#



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: 0.477 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

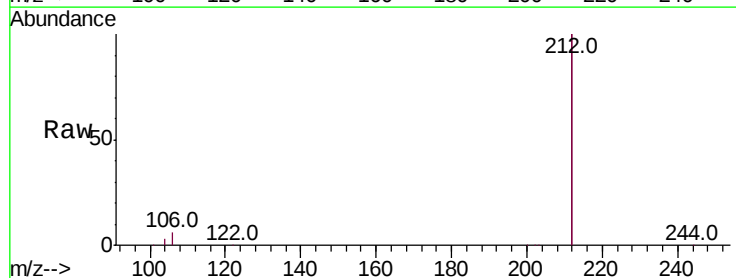
Tgt Ion:212 Resp: 47740

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

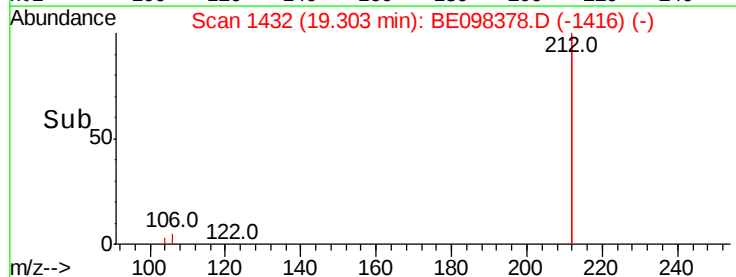
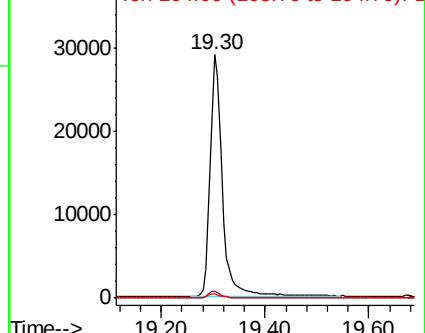
104 1.5 1.3 1.9



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: BE098378.D

Acq: 13 Dec 2018 1:35

Instrument :

BNA_E

ClientSampleId :

RE-125D2-20181204

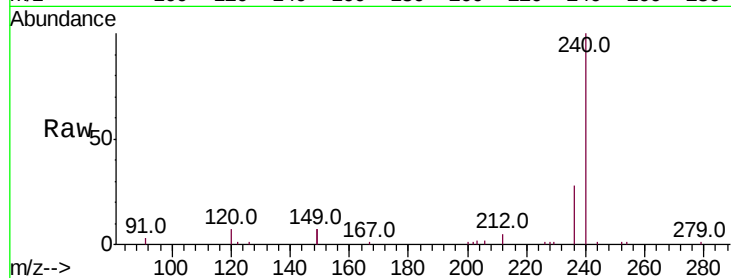
Tot Ion:240 Resp: 9543

Ion Ratio Lower Upper

240 100

120 7.3 9.5 14.3#

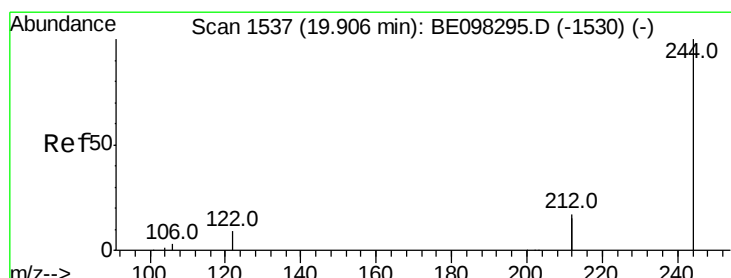
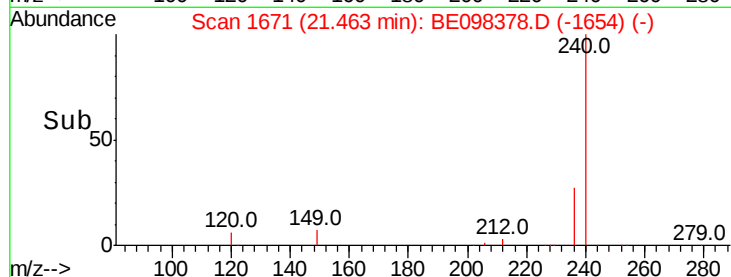
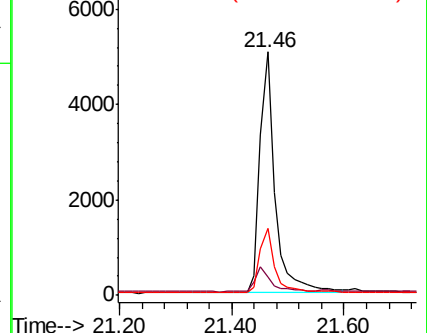
236 27.6 22.7 34.1



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: 0.482 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098378.D

Acq: 13 Dec 2018 1:35

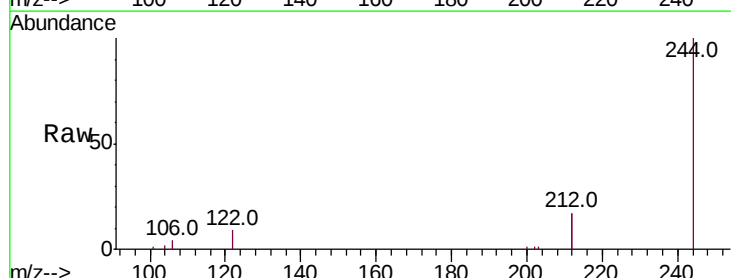
Tgt Ion:244 Resp: 11170

Ion Ratio Lower Upper

244 100

212 33.5 27.4 41.0

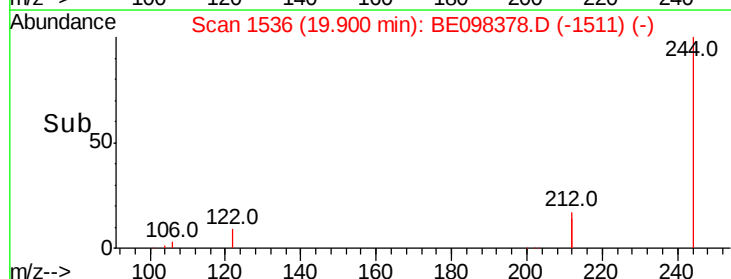
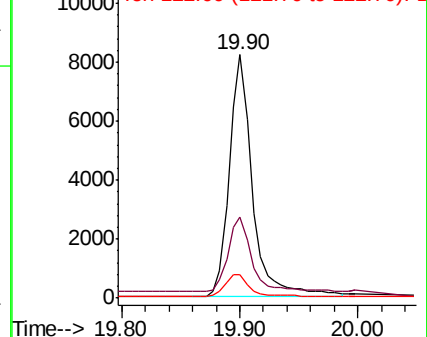
122 9.5 8.3 12.5

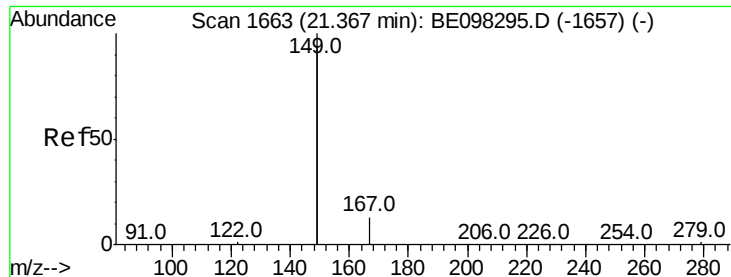


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

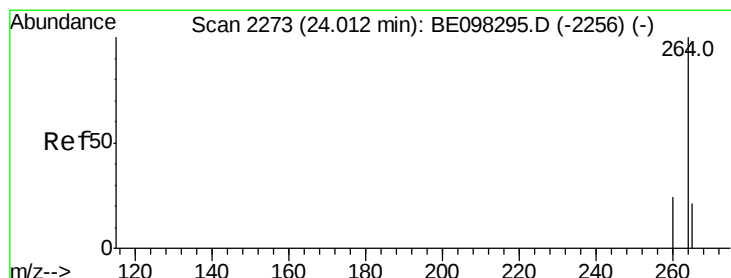
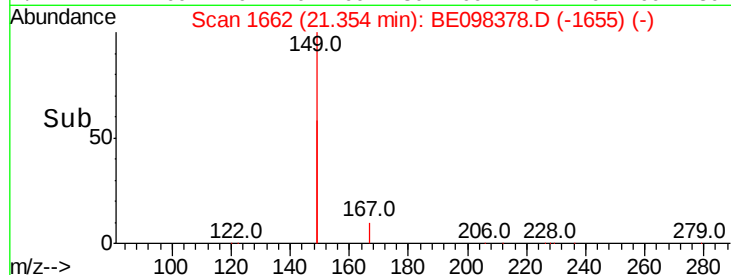
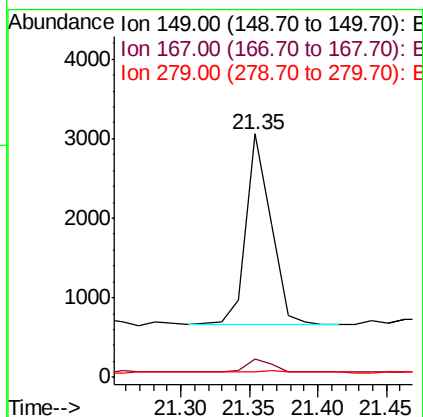
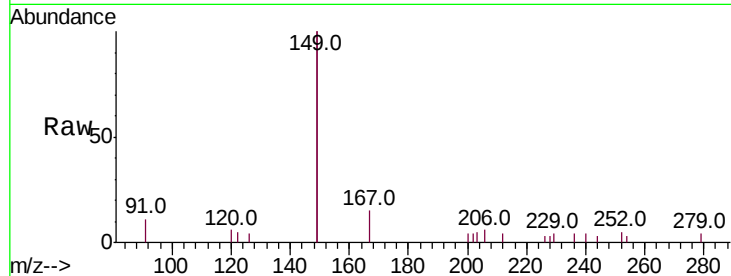




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.055 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098378.D
 Acq: 13 Dec 2018 1:35

Instrument :
 BNA_E
 ClientSampleId :
 RE-125D2-20181204

Tot Ion:149 Resp: 3051
 Ion Ratio Lower Upper
 149 100
 167 7.4 5.7 8.5
 279 2.1 1.0 1.4#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.00 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BE098378.D
 Acq: 13 Dec 2018 1:35

Tgt Ion:264 Resp: 9017
 Ion Ratio Lower Upper
 264 100
 260 25.0 20.2 30.2
 265 28.0 25.2 37.8

