

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121218\
 Data File : BE098371.D
 Acq On : 12 Dec 2018 21:15
 Operator : SJ/JU
 Sample : J6324-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-103D2-20181205

Quant Time: Dec 13 06:55:19 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

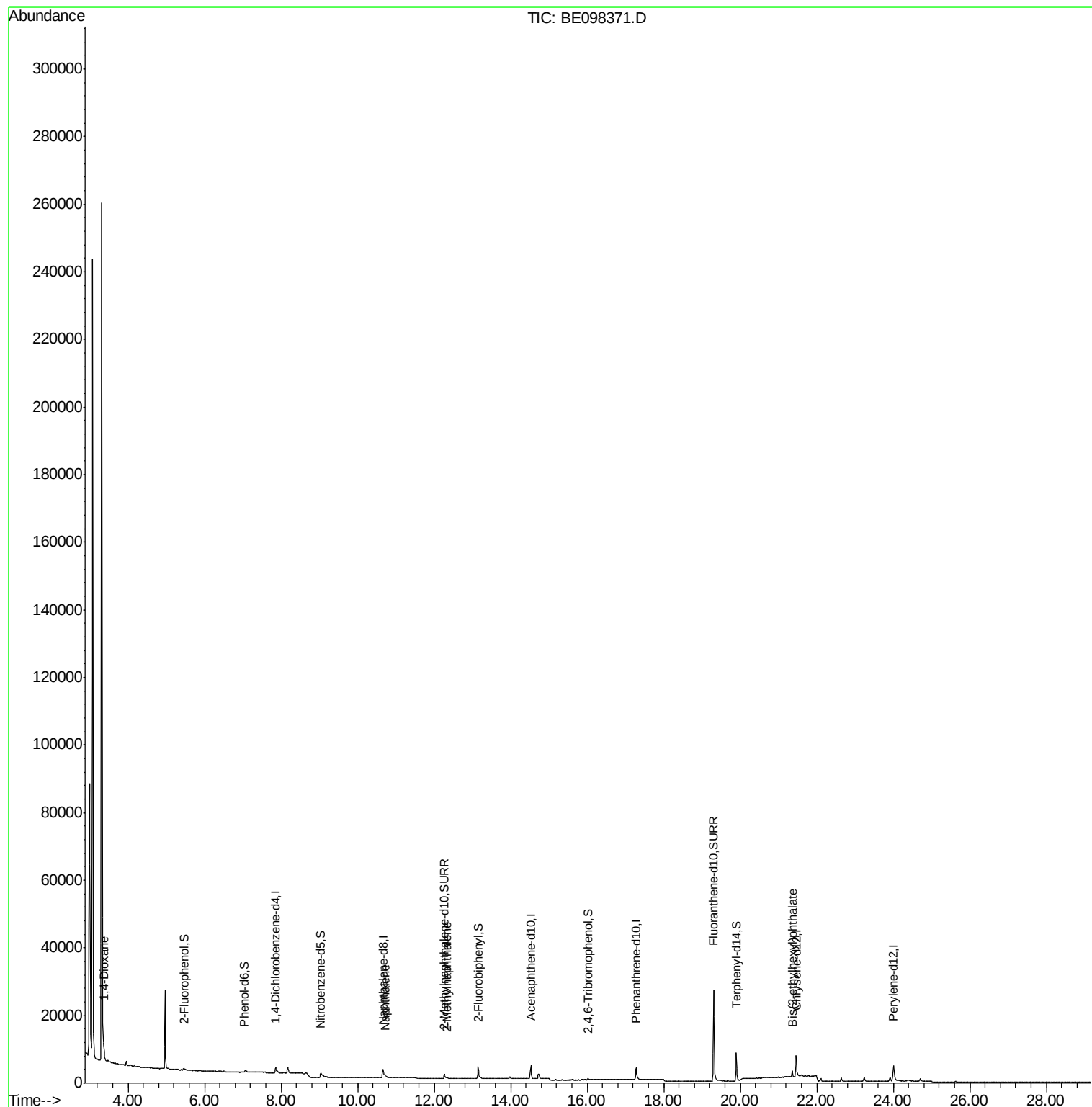
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	999	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4260	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2807	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7390	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8707	0.40	ng	0.00
34) Perylene-d12	24.01	264	8273	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	453	0.19	ng	0.01
5) Phenol-d6	7.05	99	332	0.10	ng	0.00
8) Nitrobenzene-d5	9.04	82	1347	0.35	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2949	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	494	0.48	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5429	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	44366	0.47	ng	0.00
29) Terphenyl-d14	19.90	244	8458	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	1335	0.773	ng	# 83
9) Naphthalene	10.72	128	1586	0.037	ng	# 84
12) 2-Methylnaphthalene	12.34	142	335	0.048	ng	# 91
32) Bis(2-ethylhexyl)phthalate	21.37	149	2338	0.046	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: BE098371.D

Acq: 12 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181205

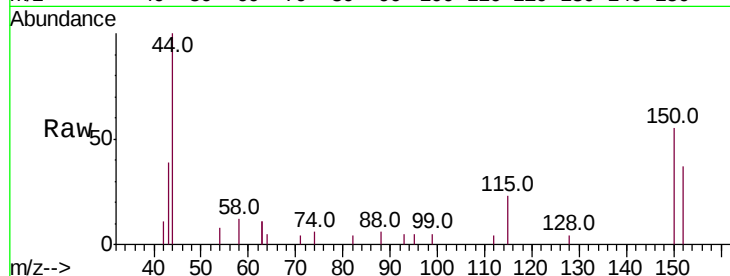
Tot Ion:152 Resp: 999

Ion Ratio Lower Upper

152 100

150 148.1 124.2 186.4

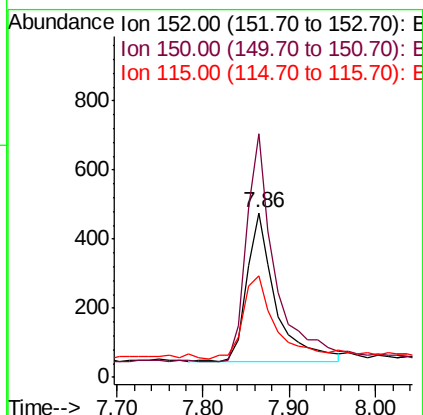
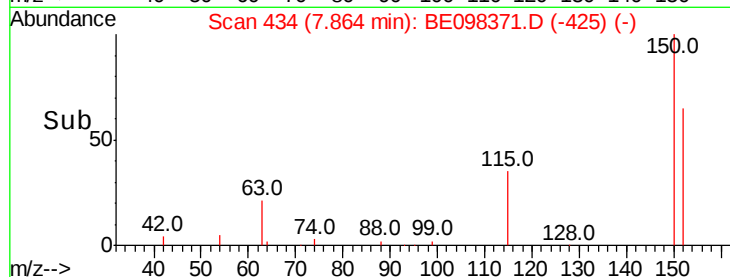
115 61.8 53.9 80.9



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: 0.773 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

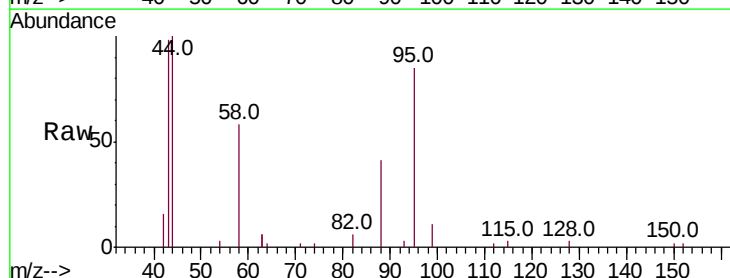
Tgt Ion: 88 Resp: 1335

Ion Ratio Lower Upper

88 100

58 97.1 75.0 112.6

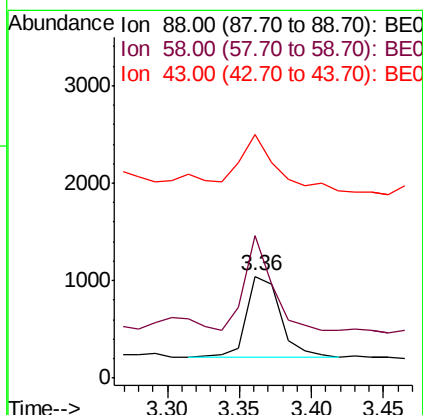
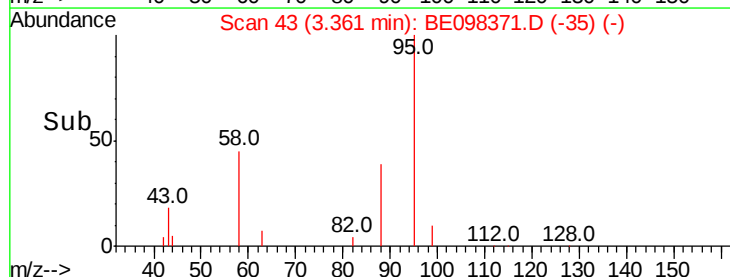
43 77.5 38.3 57.5#



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: 0.194 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181205

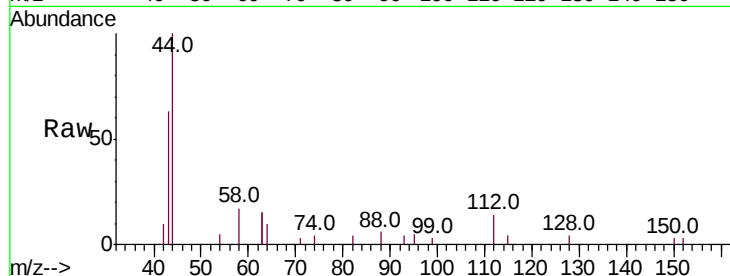
Tot Ion:112 Resp: 453

Ion Ratio Lower Upper

112 100

64 80.6 59.8 89.8

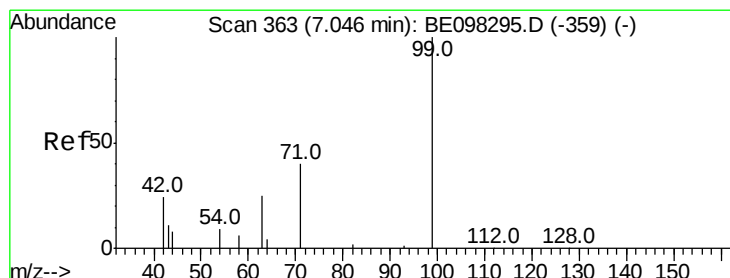
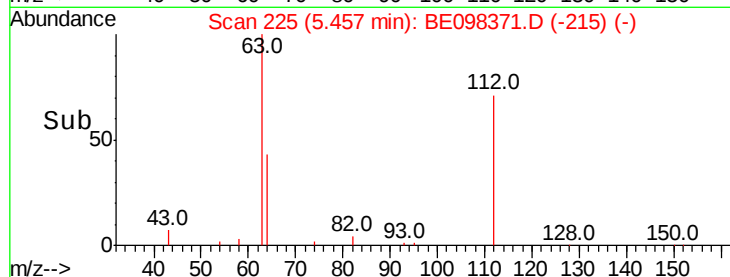
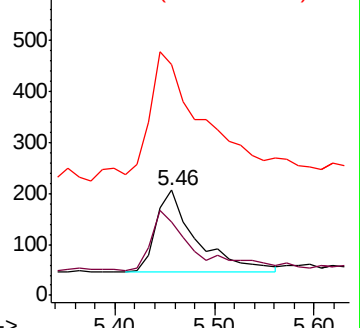
63 245.0 133.7 200.5#



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: 0.100 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

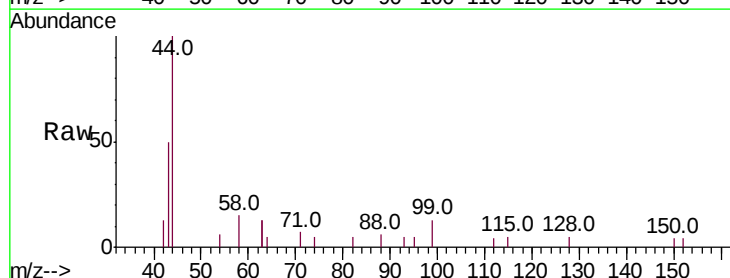
Tgt Ion: 99 Resp: 332

Ion Ratio Lower Upper

99 100

42 55.7 26.3 39.5#

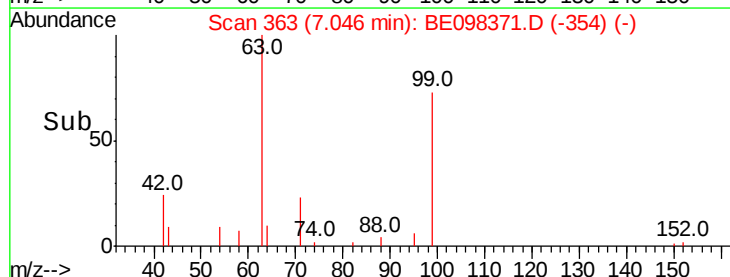
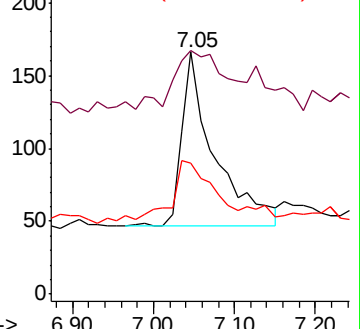
71 40.4 33.6 50.4

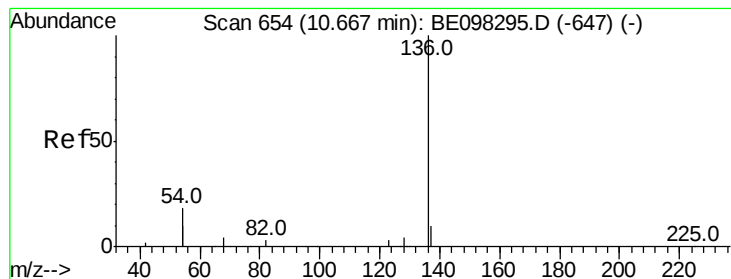


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181205

Tot Ion:136 Resp: 4260

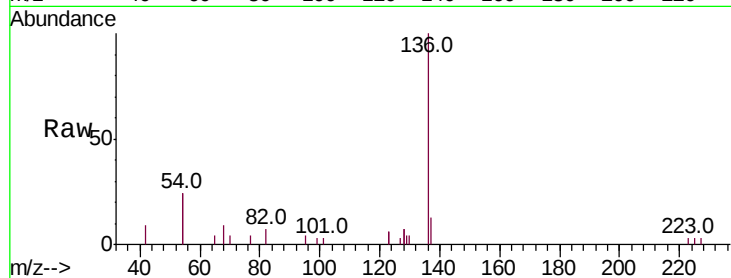
Ion Ratio Lower Upper

136 100

137 13.3 9.2 13.8

54 48.0 28.4 42.6#

68 8.6 5.4 8.0#

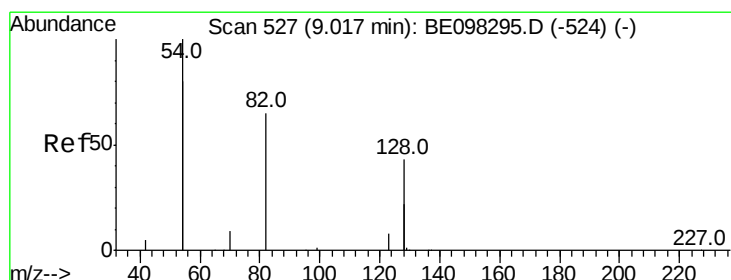
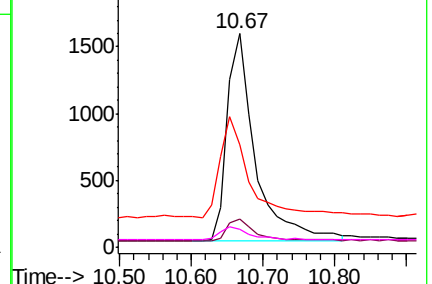
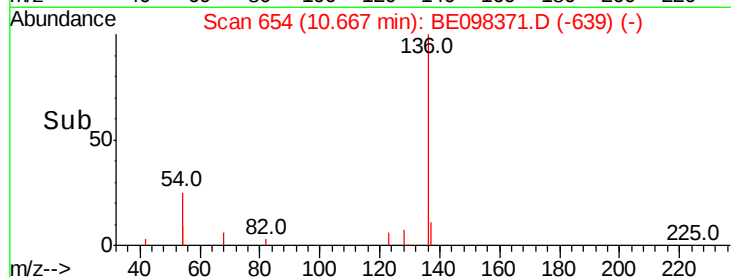


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.347 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

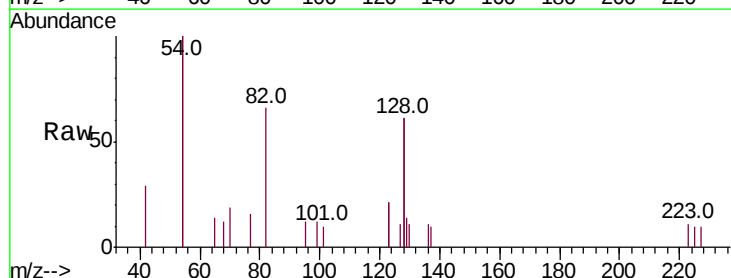
Tgt Ion: 82 Resp: 1347

Ion Ratio Lower Upper

82 100

128 183.5 102.4 153.6#

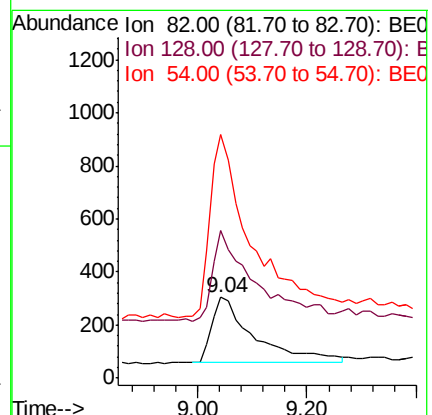
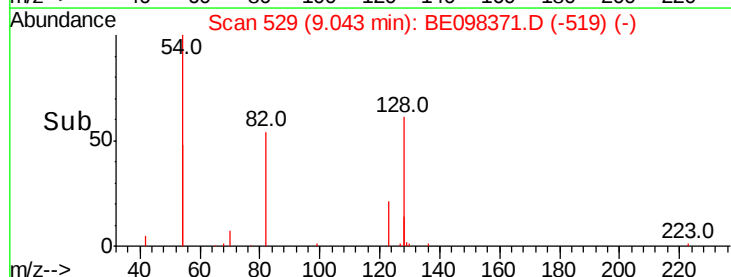
54 303.0 221.8 332.8

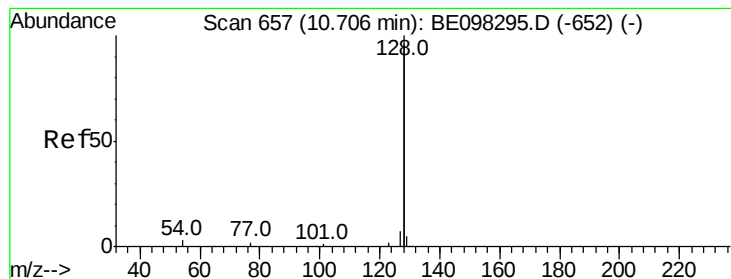


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.037 ng

RT: 10.72 min Scan# 658

Delta R.T. 0.01 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181205

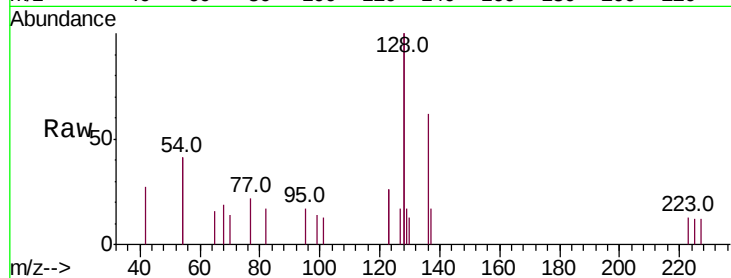
Tot Ion:128 Resp: 1586

Ion Ratio Lower Upper

128 100

129 8.7 2.5 3.7#

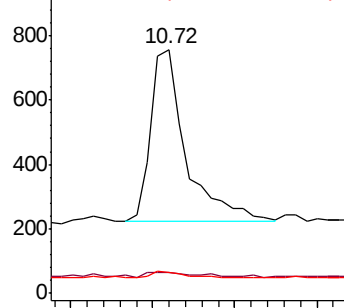
127 8.3 2.7 4.1#



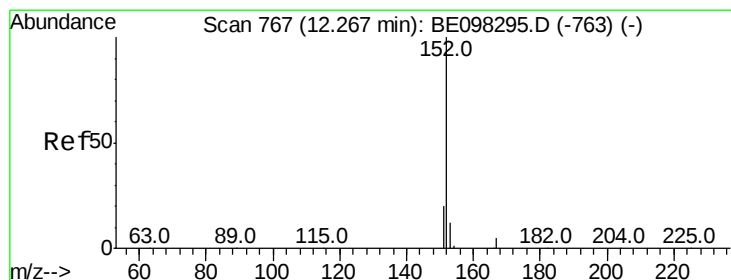
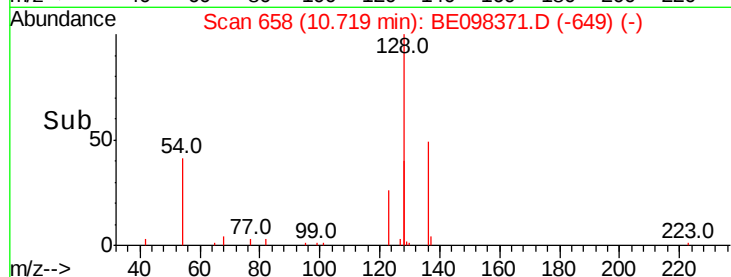
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.426 ng

RT: 12.27 min Scan# 767

Delta R.T. 0.00 min

Lab File: BE098371.D

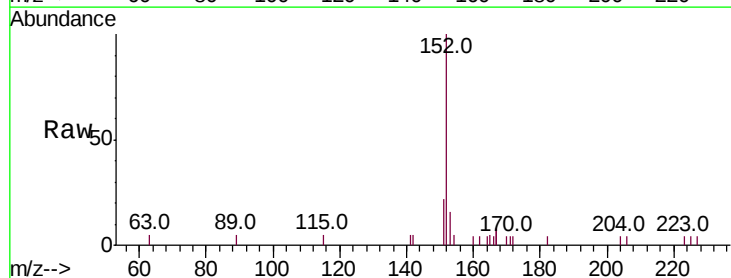
Acq: 12 Dec 2018 21:15

Tgt Ion:152 Resp: 2949

Ion Ratio Lower Upper

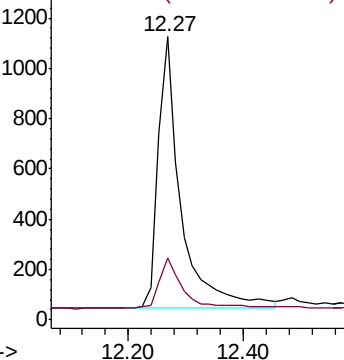
152 100

151 19.2 16.2 24.4

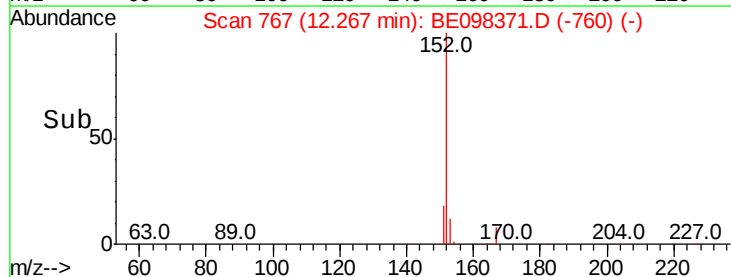


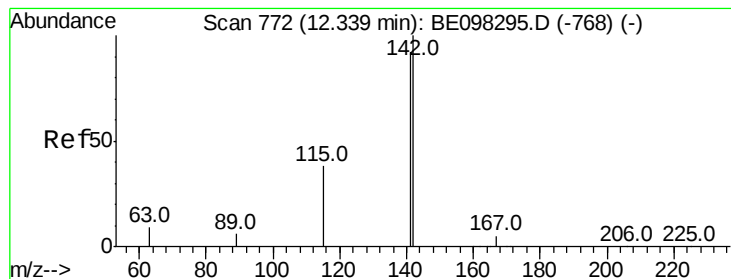
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



Time-->





#12

2-Methylnaphthalene

Concen: 0.048 ng

RT: 12.34 min Scan# 772

Delta R.T. 0.00 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181205

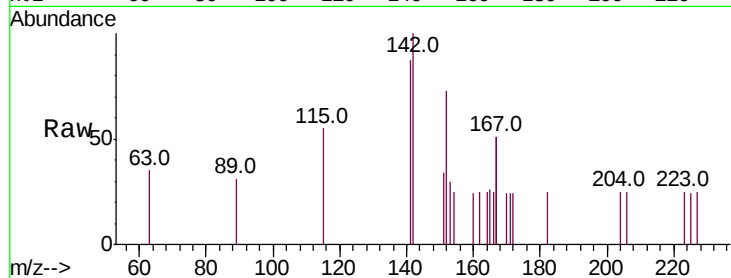
Tot Ion:142 Resp: 335

Ion Ratio Lower Upper

142 100

141 87.4 71.0 106.6

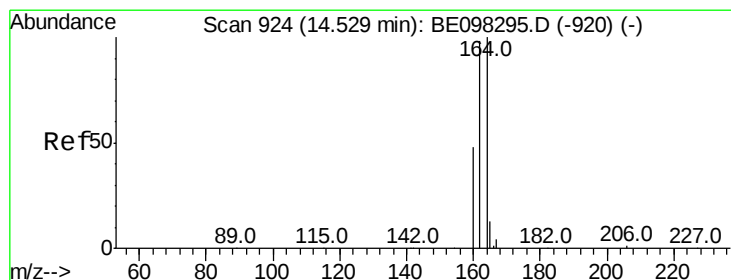
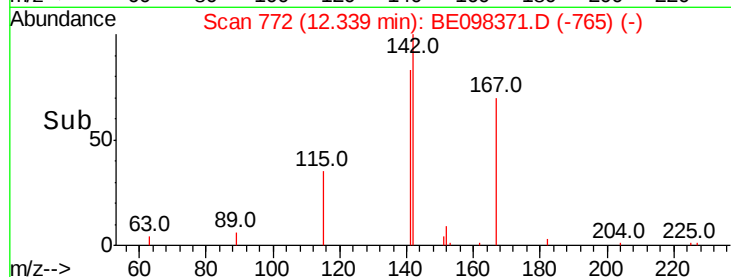
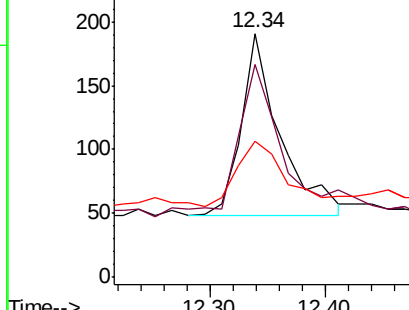
115 55.5 32.2 48.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

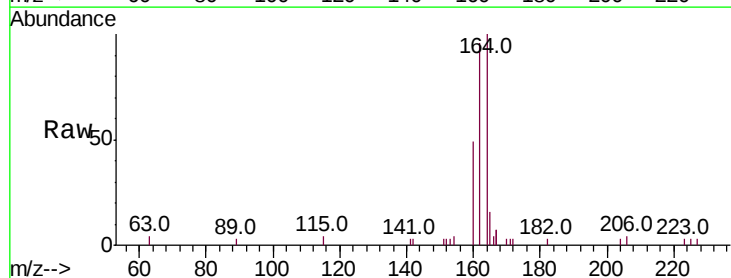
Tgt Ion:164 Resp: 2807

Ion Ratio Lower Upper

164 100

162 96.5 77.6 116.4

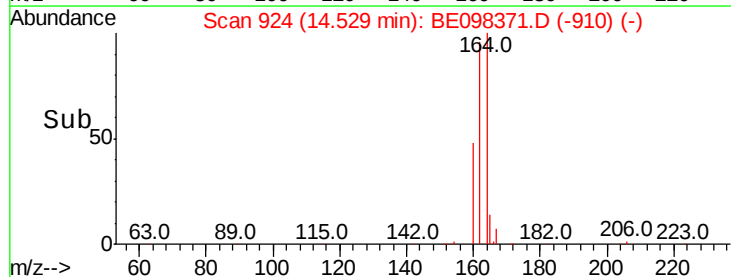
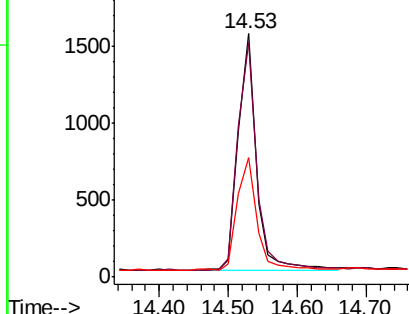
160 49.1 36.0 54.0

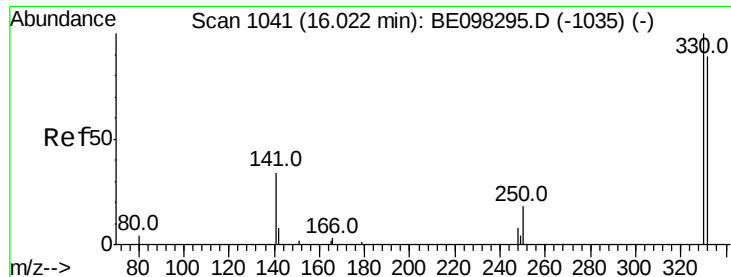


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

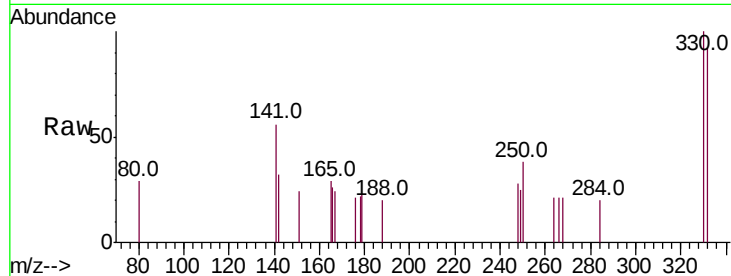




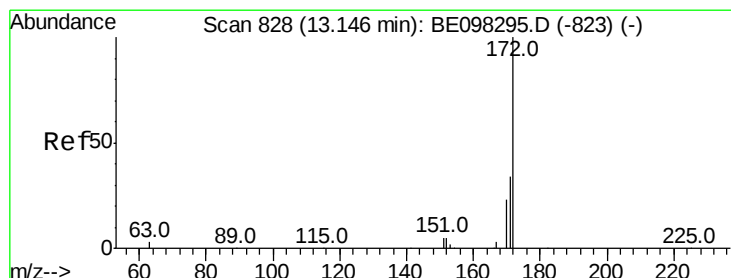
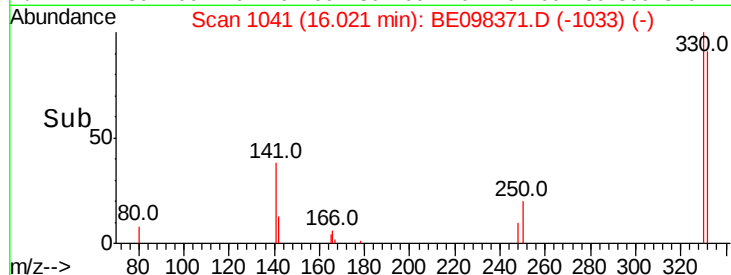
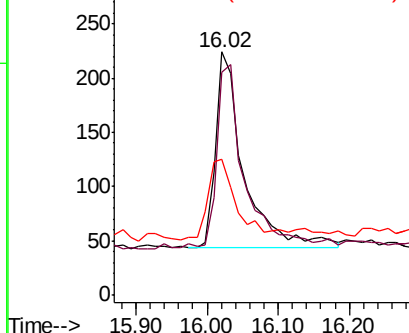
#14
 2,4,6-Tribromophenol
 Concen: 0.479 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098371.D
 Acq: 12 Dec 2018 21:15

Instrument :
 BNA_E
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 RE-103D2-20181205

Tot Ion:330 Resp: 494
 Ion Ratio Lower Upper
 330 100
 332 89.9 76.2 114.4
 141 41.7 39.0 58.4

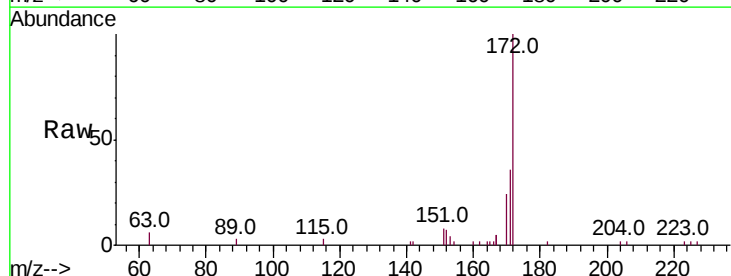


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

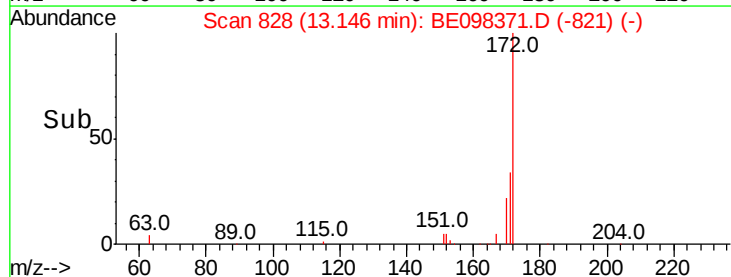
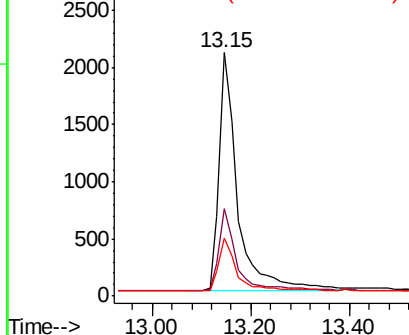


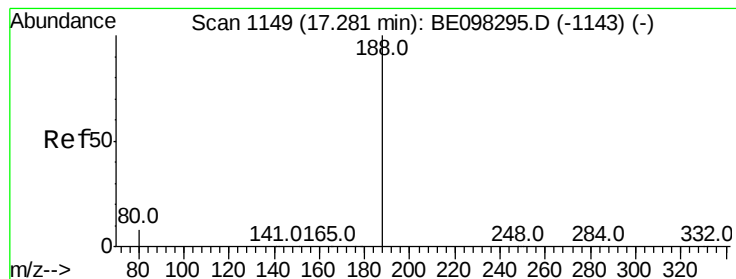
#15
 2-Fluorobiphenyl
 Concen: 0.459 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098371.D
 Acq: 12 Dec 2018 21:15

Tgt Ion:172 Resp: 5429
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.5 41.3
 170 23.8 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: BE098371.D

Acq: 12 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181205

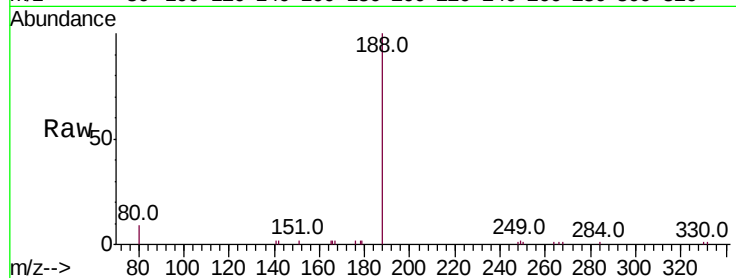
Tot Ion:188 Resp: 7390

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

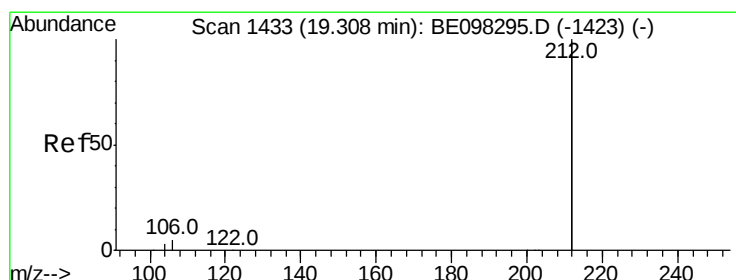
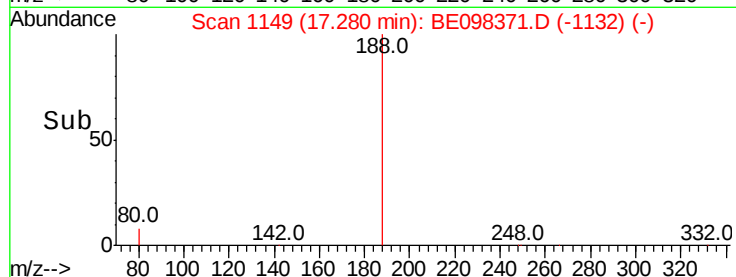
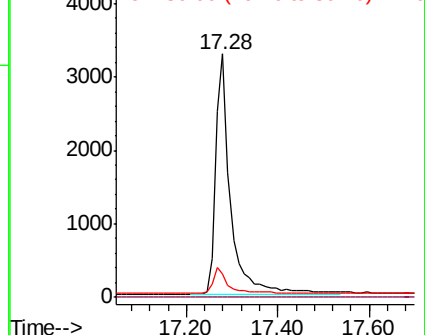
80 9.4 7.2 10.8



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: 0.468 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

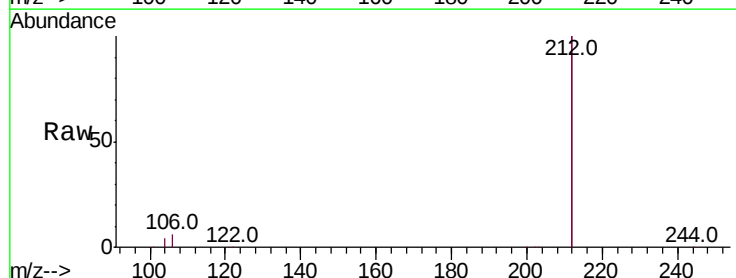
Tgt Ion:212 Resp: 44366

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

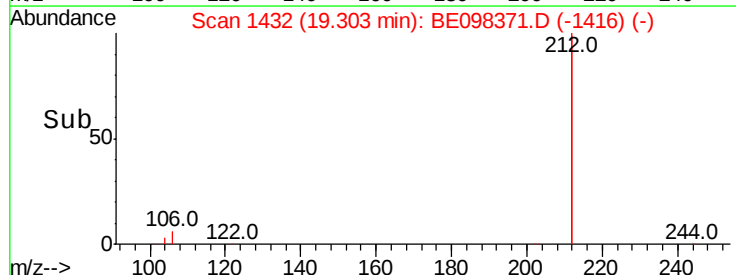
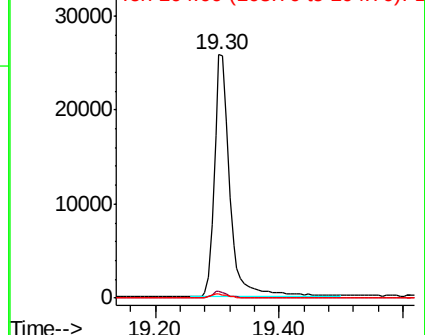
104 1.5 1.3 1.9

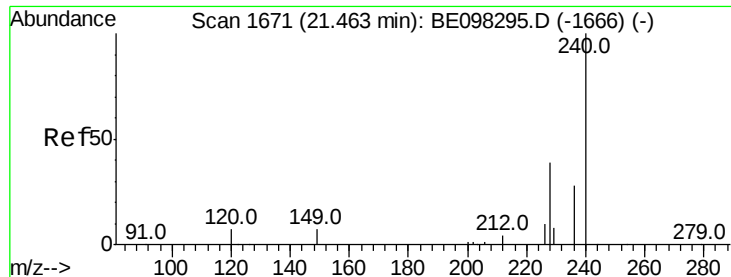


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098371.D

Acq: 12 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181205

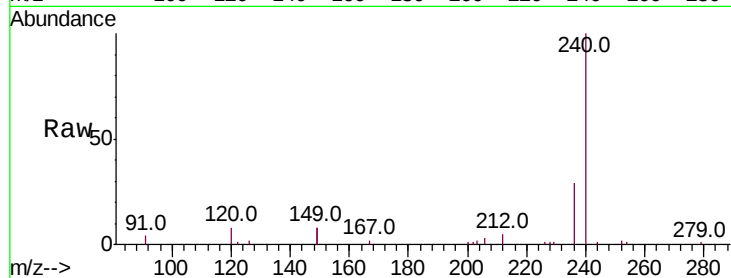
Tot Ion:240 Resp: 8707

Ion Ratio Lower Upper

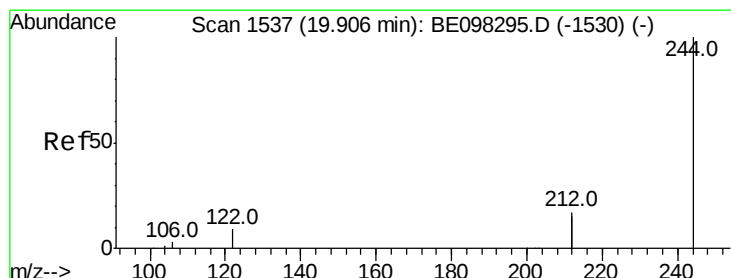
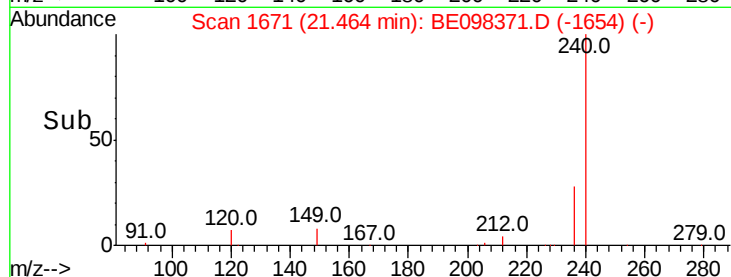
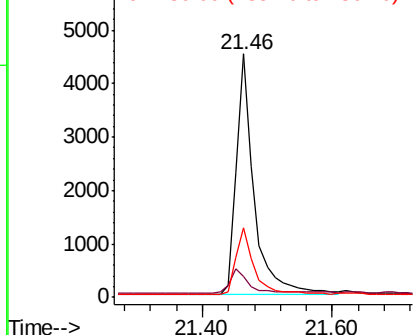
240 100

120 8.5 9.5 14.3#

236 28.6 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: 0.400 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

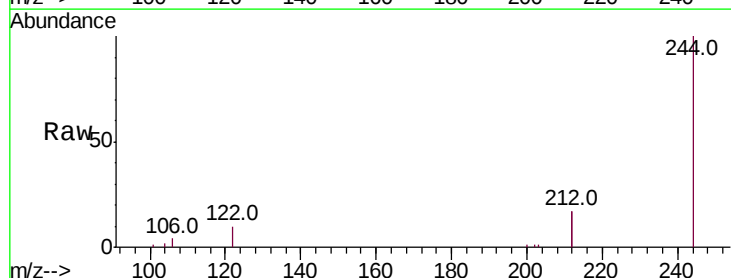
Tgt Ion:244 Resp: 8458

Ion Ratio Lower Upper

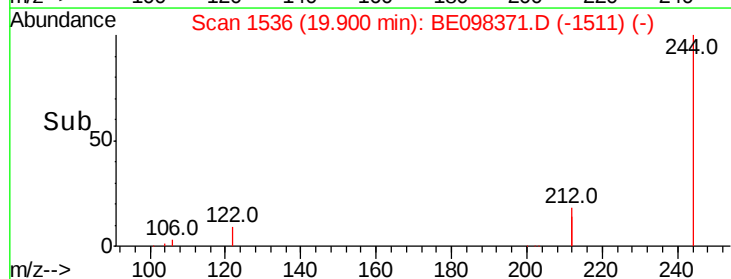
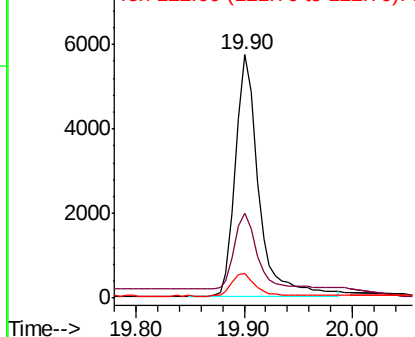
244 100

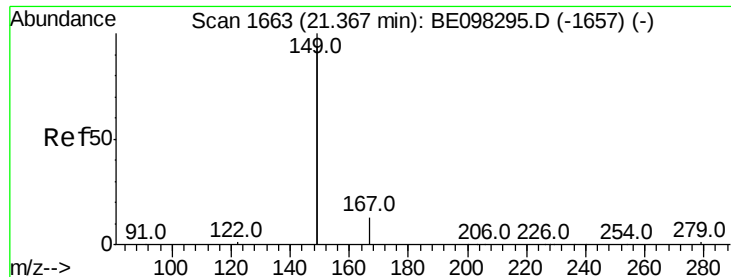
212 34.9 27.4 41.0

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: 0.046 ng

RT: 21.37 min Scan# 1663

Delta R.T. 0.00 min

Lab File: BE098371.D

Acq: 12 Dec 2018 21:15

Instrument :

BNA_E

ClientSampleId :

RE-103D2-20181205

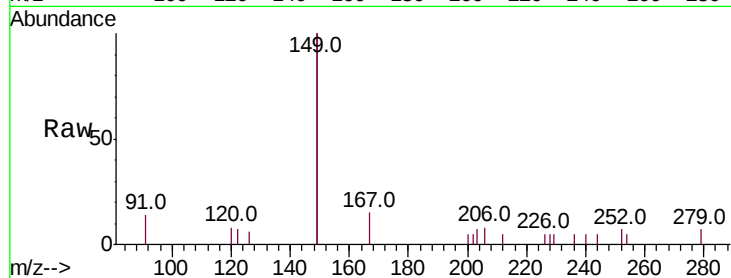
Tot Ion:149 Resp: 2338

Ion Ratio Lower Upper

149 100

167 7.4 5.7 8.5

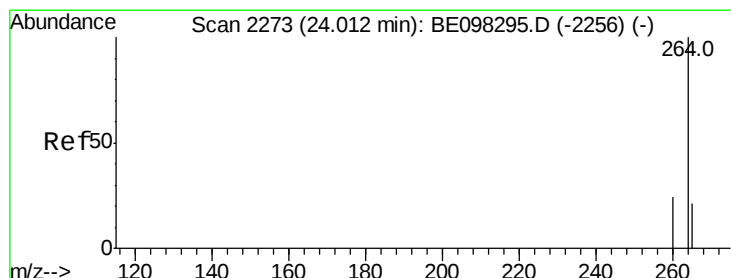
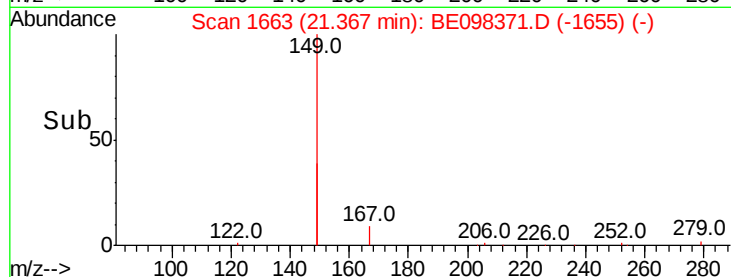
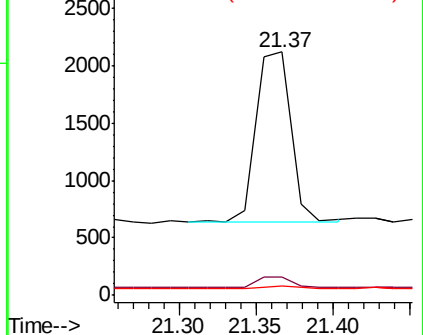
279 2.3 1.0 1.4#



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: BE098371.D

Acq: 12 Dec 2018 21:15

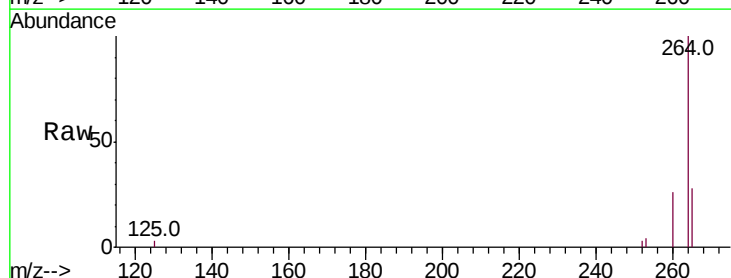
Tgt Ion:264 Resp: 8273

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 28.5 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

