

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098413.D
 Acq On : 14 Dec 2018 1:08
 Operator : SJ/JU
 Sample : J6324-08DL 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181206DL

Quant Time: Dec 14 02:07:18 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

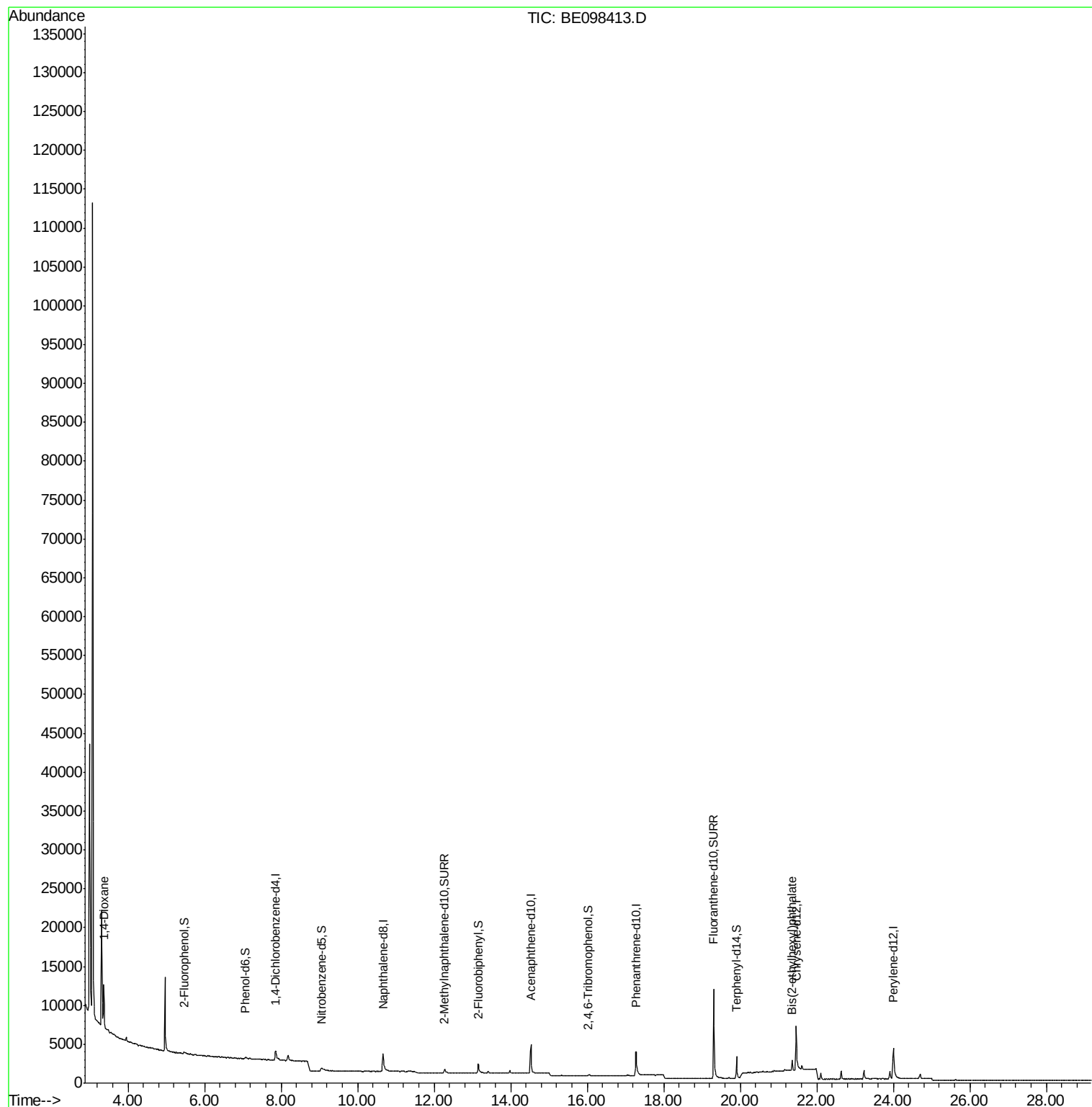
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	972	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4260	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2739	0.40	ng	0.00
19) Phenanthrene-d10	17.28	188	7256	0.40	ng	0.00
27) Chrysene-d12	21.46	240	8125	0.40	ng	0.00
34) Perylene-d12	24.00	264	7919	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	234	0.10	ng	0.01
5) Phenol-d6	7.06	99	152	0.05	ng	0.01
8) Nitrobenzene-d5	9.07	82	610	0.16	ng	0.05
11) 2-Methylnaphthalene-d10	12.27	152	1388	0.20	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	213	0.21	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	2261	0.20	ng	0.00
25) Fluoranthene-d10	19.30	212	19811	0.21	ng	0.00
29) Terphenyl-d14	19.90	244	3343	0.17	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	2952	1.756	ng	95
32) Bis(2-ethylhexyl)phthalate	21.35	149	1812	0.039	ng	99

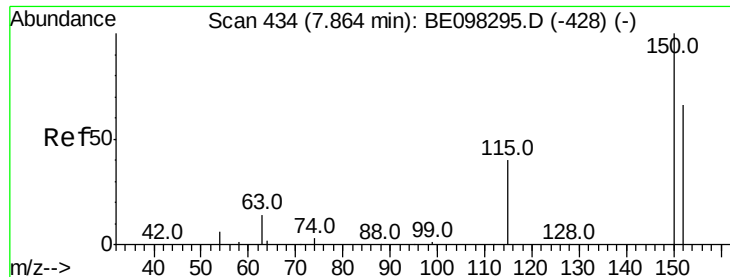
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

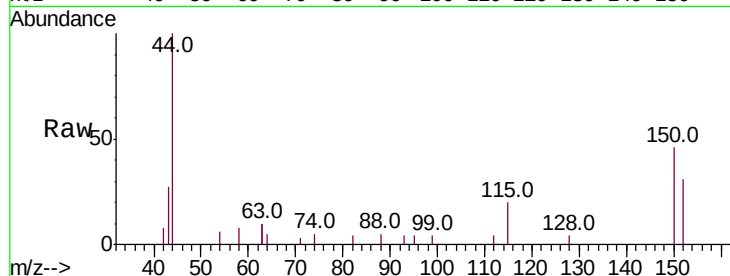
Tot Ion:152 Resp: 972

Ion Ratio Lower Upper

152 100

150 149.8 124.2 186.4

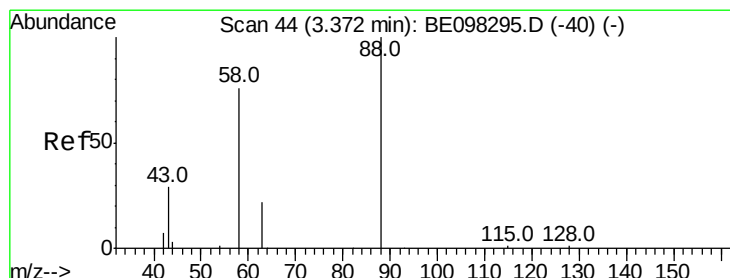
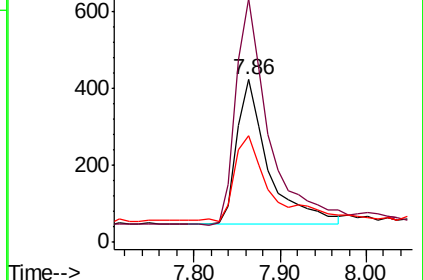
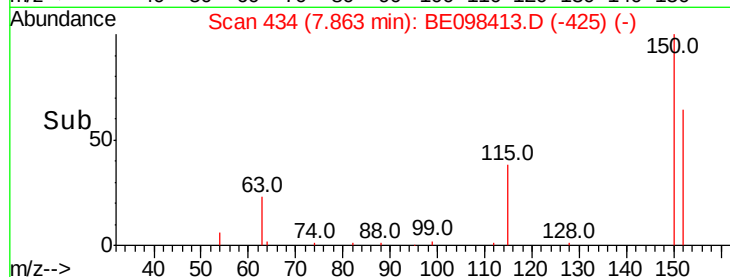
115 65.4 53.9 80.9



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: 1.756 ng

RT: 3.36 min Scan# 43

Delta R.T. -0.01 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

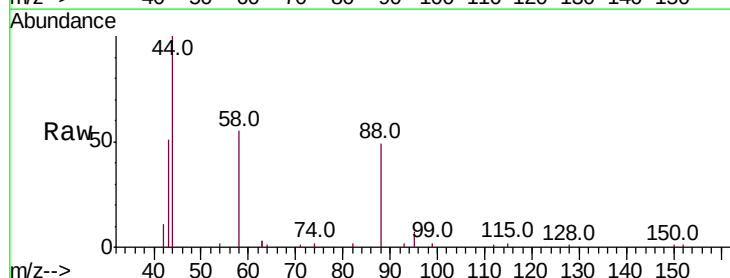
Tgt Ion: 88 Resp: 2952

Ion Ratio Lower Upper

88 100

58 90.4 75.0 112.6

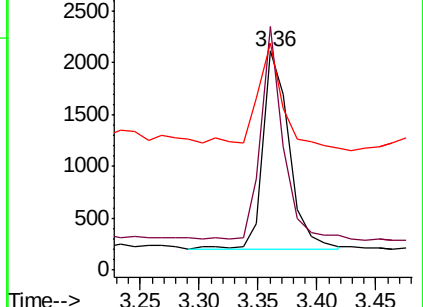
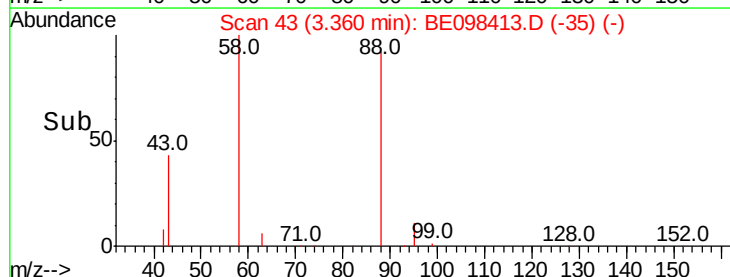
43 52.9 38.3 57.5

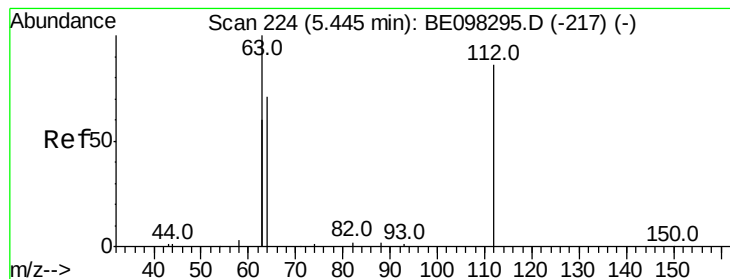


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.103 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

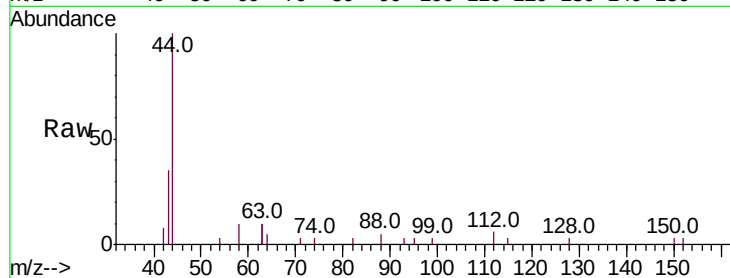
Tot Ion: 112 Resp: 234

Ion Ratio Lower Upper

112 100

64 79.5 59.8 89.8

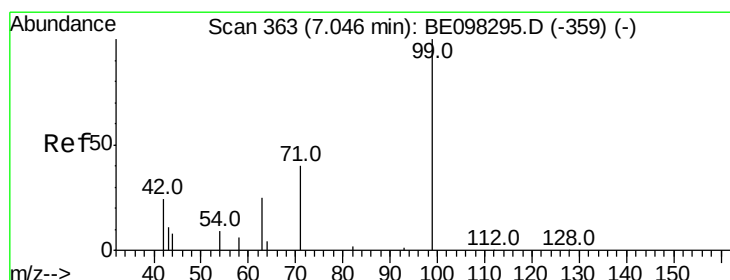
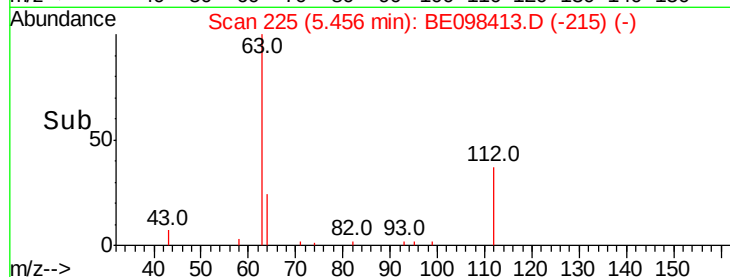
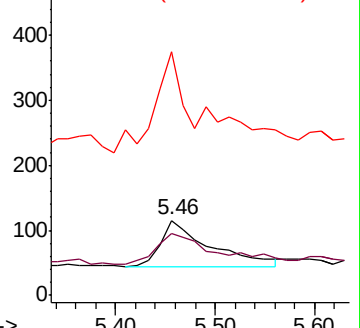
63 130.3 133.7 200.5#



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: 0.047 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

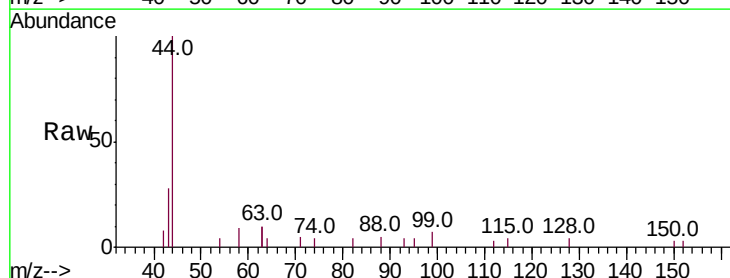
Tgt Ion: 99 Resp: 152

Ion Ratio Lower Upper

99 100

42 55.3 26.3 39.5#

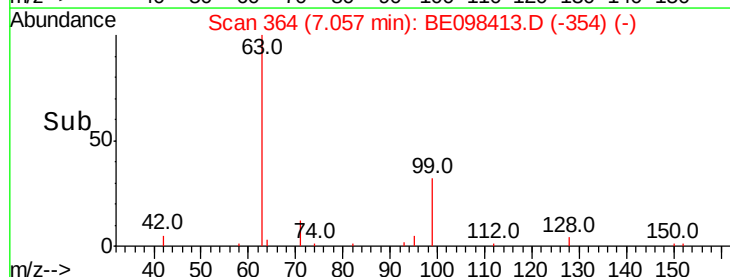
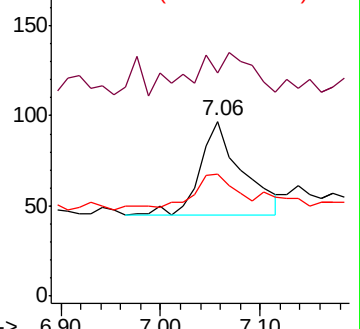
71 29.6 33.6 50.4#

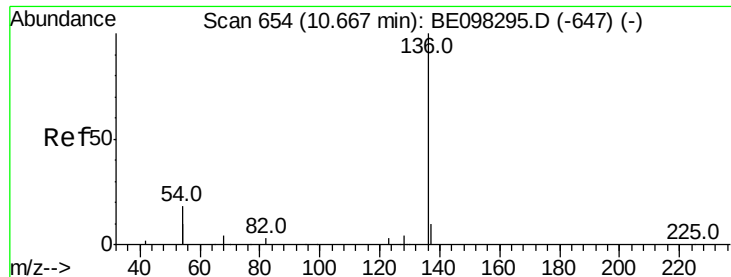


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

Tot Ion:136 Resp: 4260

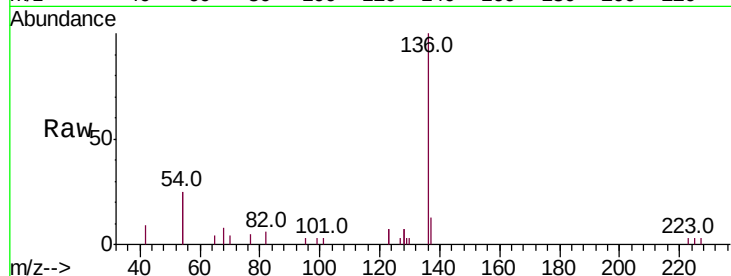
Ion Ratio Lower Upper

136 100

137 13.4 9.2 13.8

54 49.1 28.4 42.6#

68 8.0 5.4 8.0

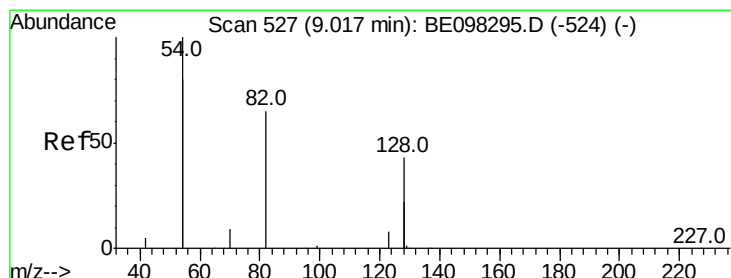
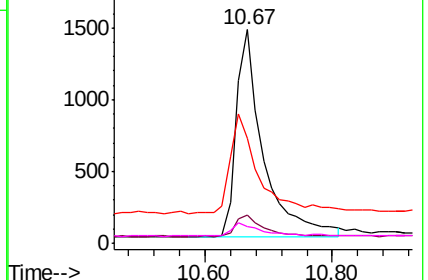
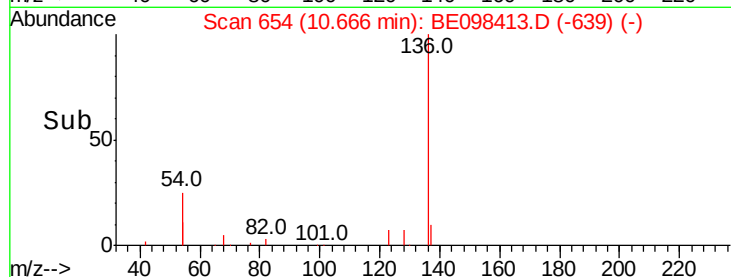


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.157 ng

RT: 9.07 min Scan# 531

Delta R.T. 0.05 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

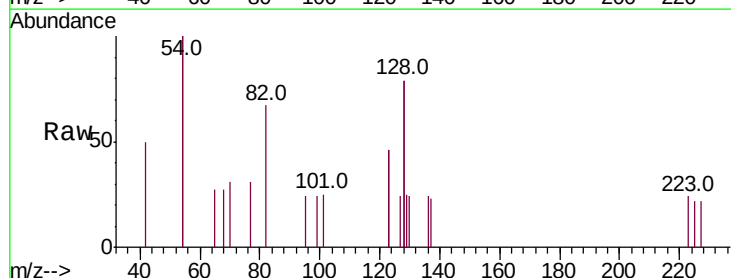
Tgt Ion: 82 Resp: 610

Ion Ratio Lower Upper

82 100

128 236.8 102.4 153.6#

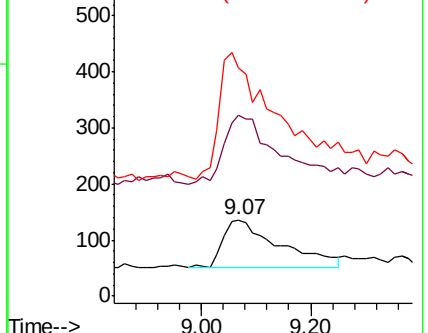
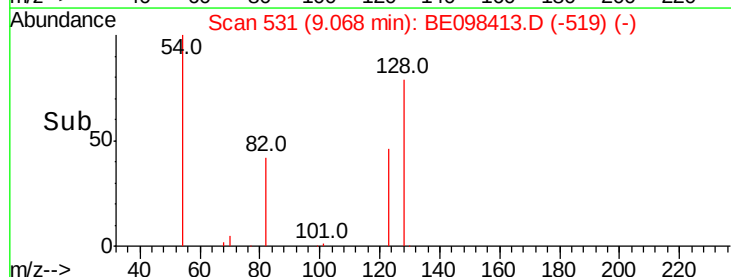
54 300.0 221.8 332.8

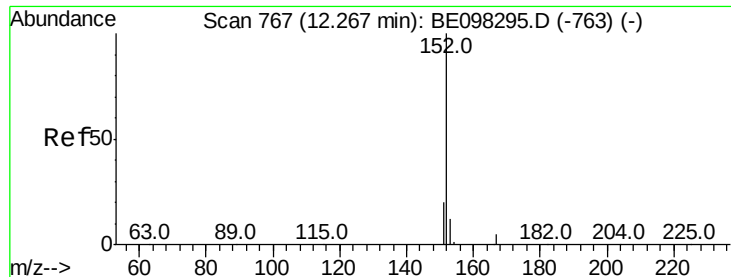


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.200 ng

RT: 12.27 min Scan# 767

Delta R.T. -0.00 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

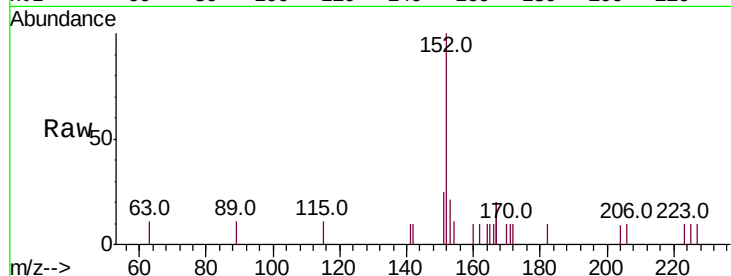
RE-109D3-20181206DL

Tot Ion:152 Resp: 1388

Ion Ratio Lower Upper

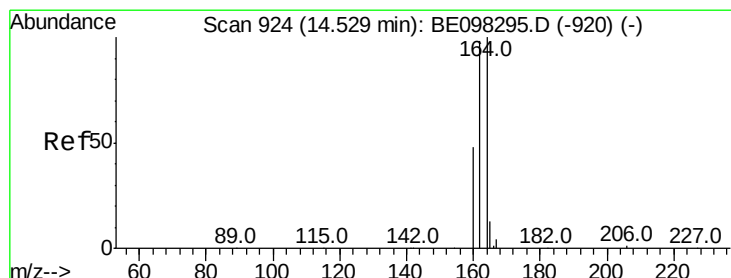
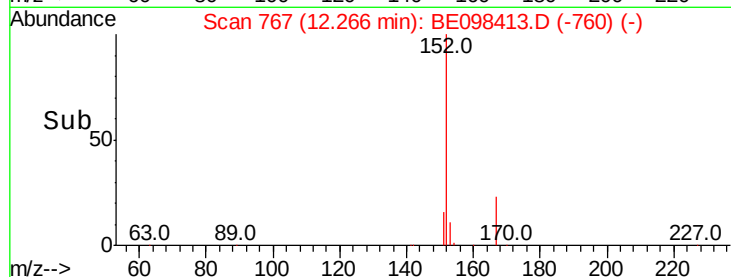
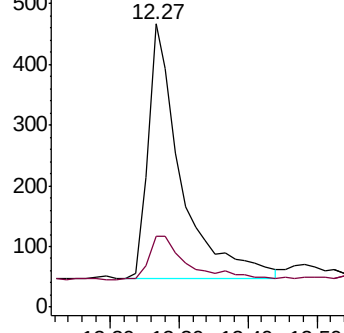
152 100

151 20.5 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: BE098413.D

Acq: 14 Dec 2018 1:08

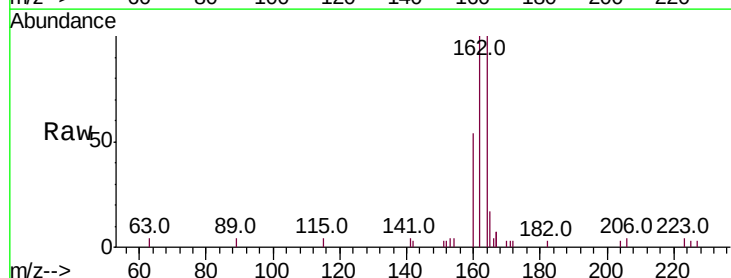
Tgt Ion:164 Resp: 2739

Ion Ratio Lower Upper

164 100

162 99.9 77.6 116.4

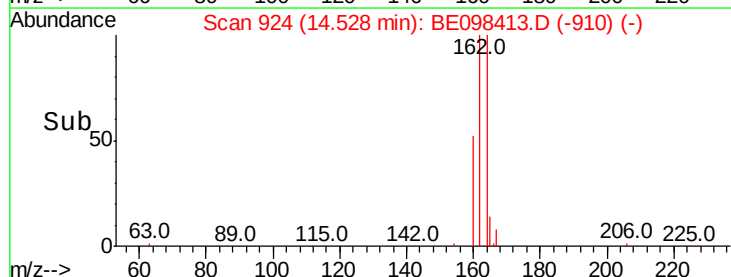
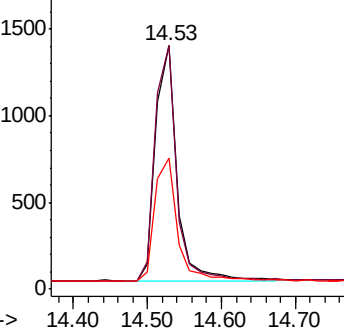
160 54.0 36.0 54.0#

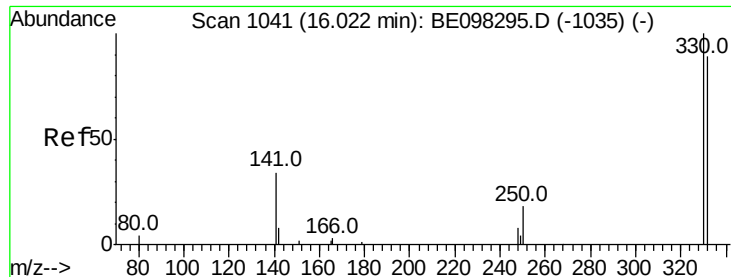


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#14

2,4,6-Tribromophenol

Concen: 0.212 ng

RT: 16.03 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

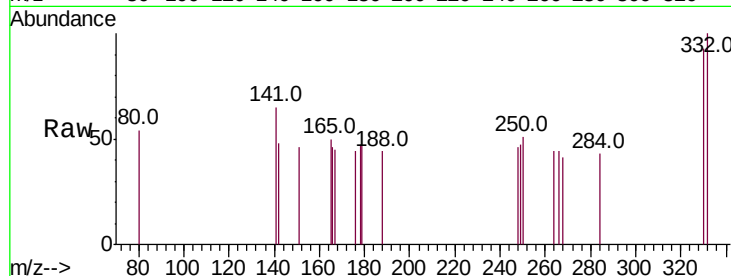
Tot Ion:330 Resp: 213

Ion Ratio Lower Upper

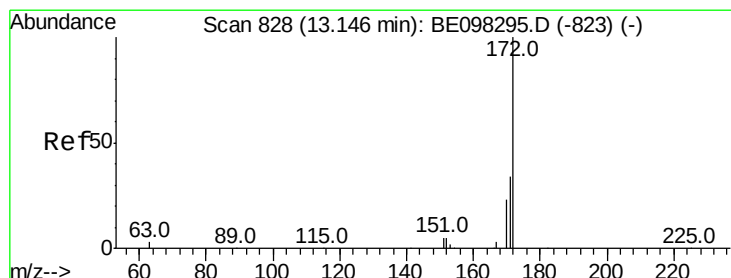
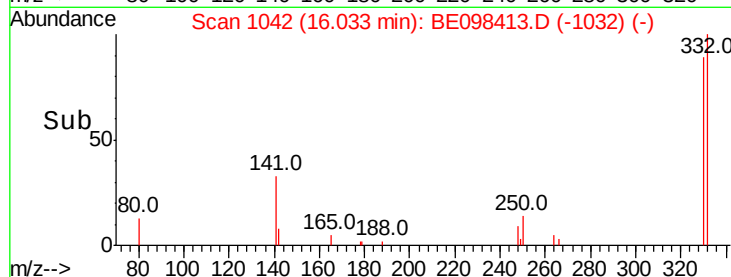
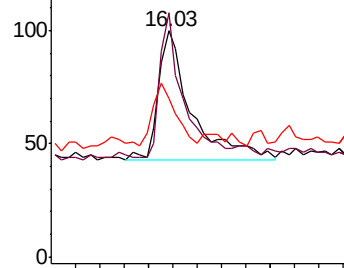
330 100

332 78.9 76.2 114.4

141 33.3 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: 0.196 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

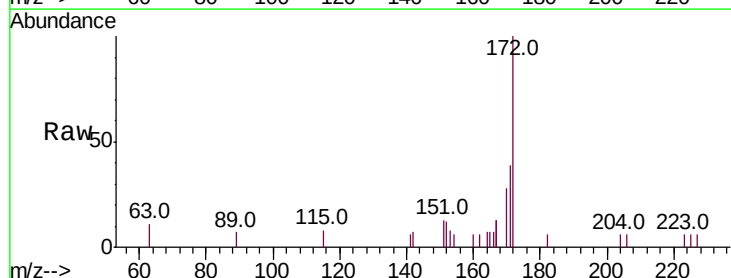
Tgt Ion:172 Resp: 2261

Ion Ratio Lower Upper

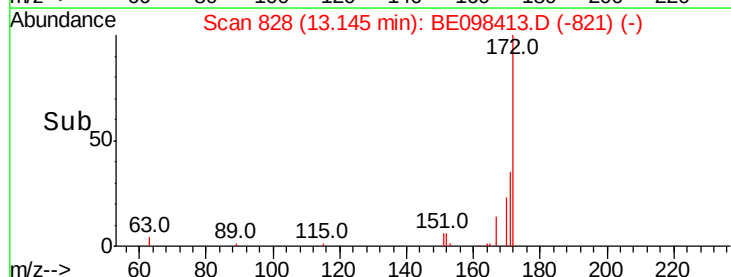
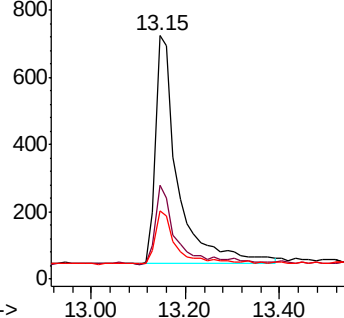
172 100

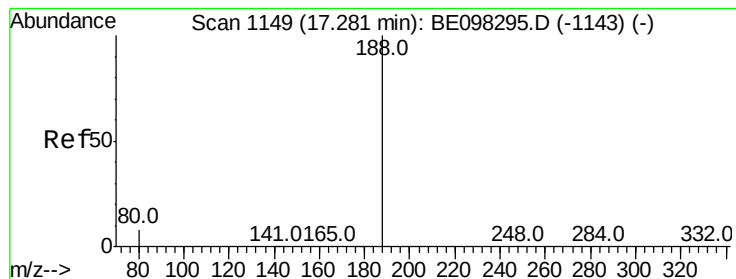
171 38.8 27.5 41.3

170 27.9 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: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

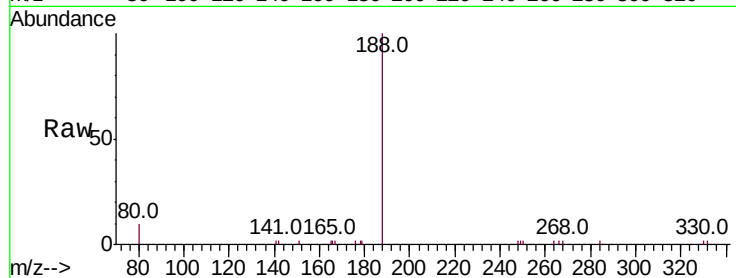
Tot Ion:188 Resp: 7256

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

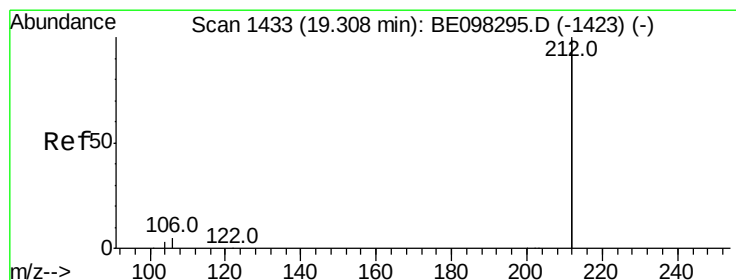
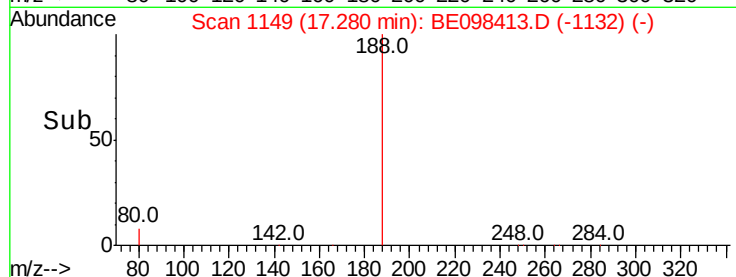
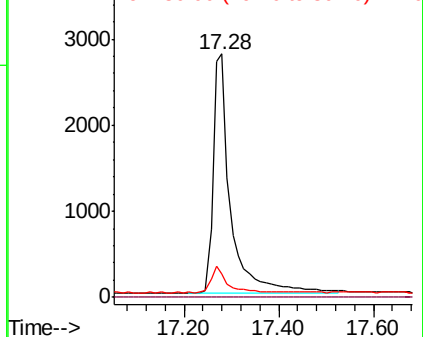
80 9.5 7.2 10.8



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: 0.213 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

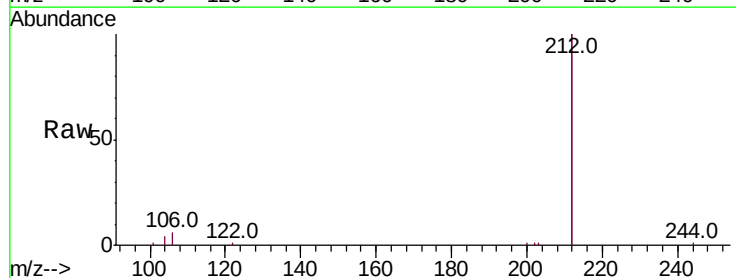
Tgt Ion:212 Resp: 19811

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

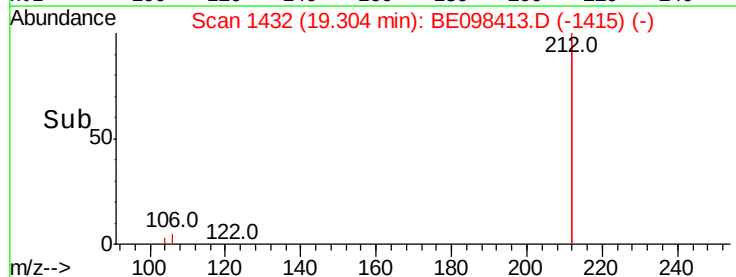
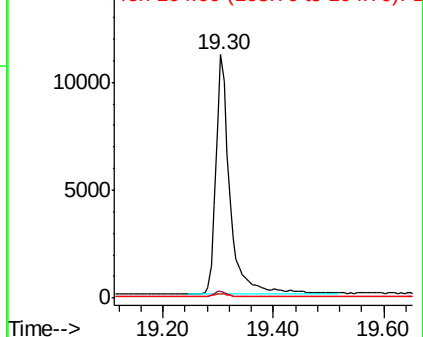
104 1.5 1.3 1.9

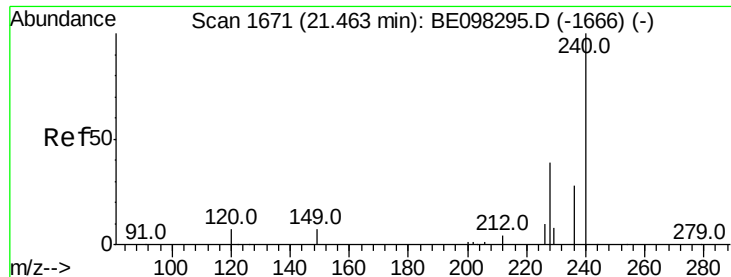


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098413.D

Acq: 14 Dec 2018 1:08

Instrument :

BNA_E

ClientSampleId :

RE-109D3-20181206DL

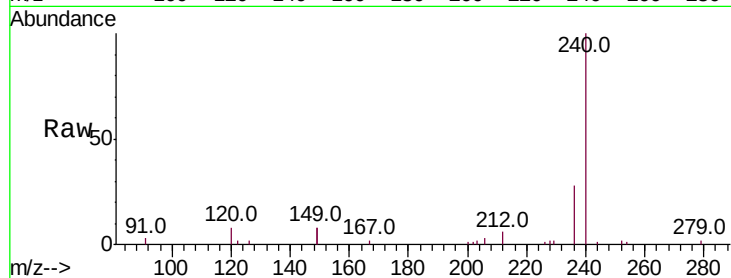
Tot Ion:240 Resp: 8125

Ion Ratio Lower Upper

240 100

120 8.1 9.5 14.3#

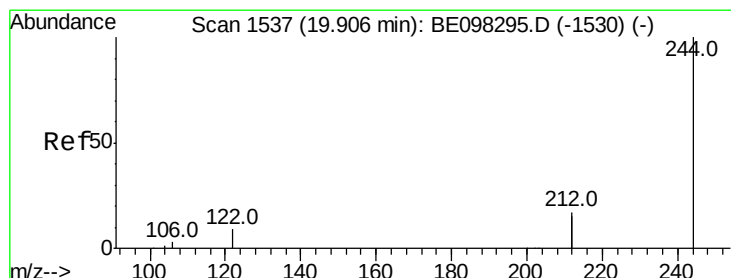
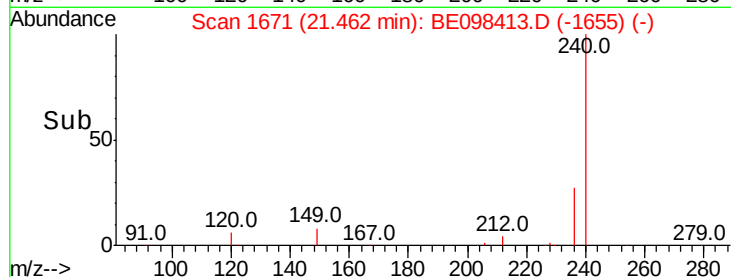
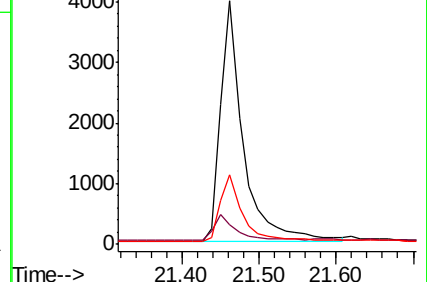
236 28.3 22.7 34.1



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: 0.169 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BE098413.D

Acq: 14 Dec 2018 1:08

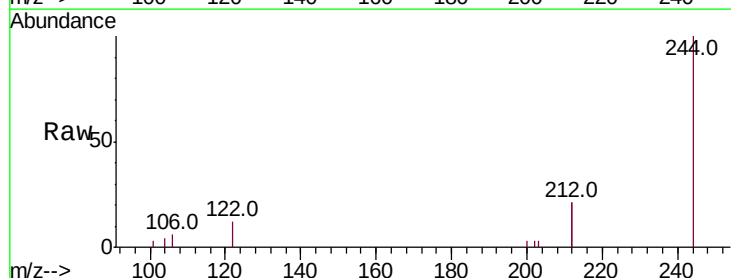
Tgt Ion:244 Resp: 3343

Ion Ratio Lower Upper

244 100

212 41.8 27.4 41.0#

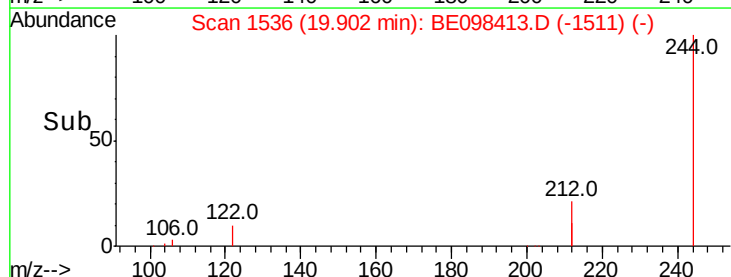
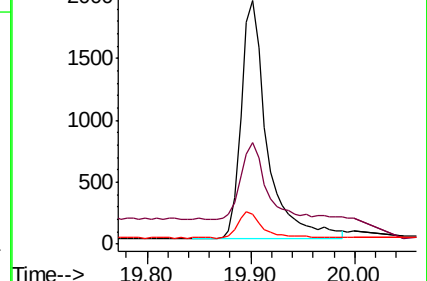
122 12.0 8.3 12.5

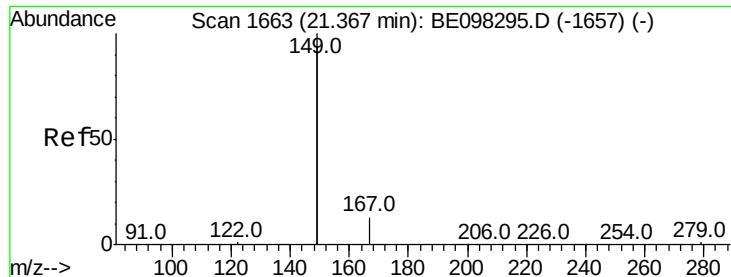


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

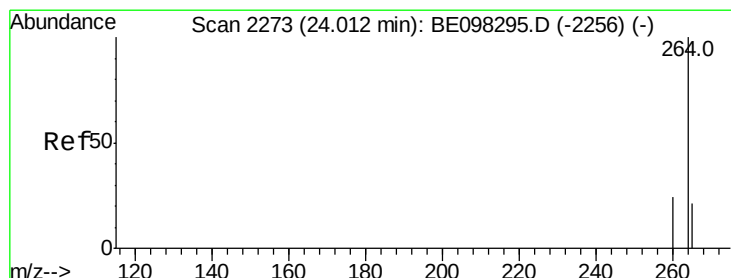
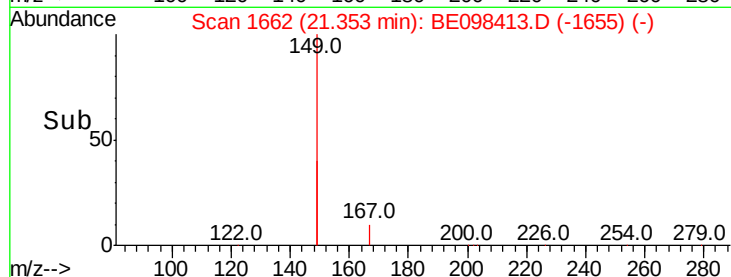
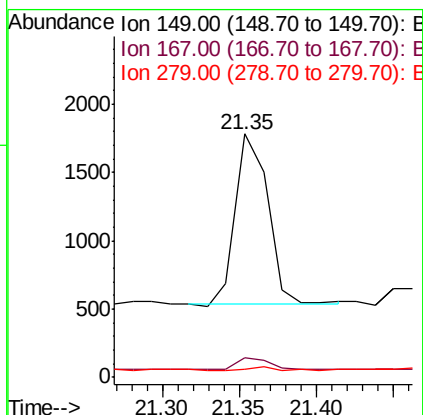
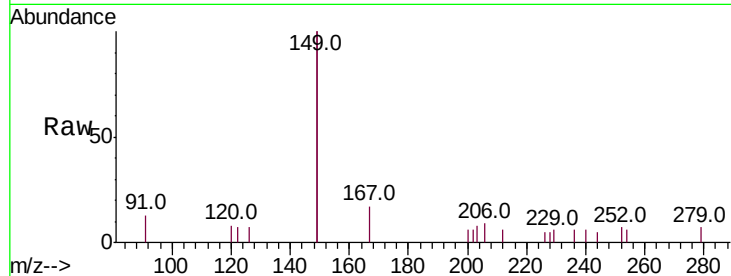




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098413.D
 Acq: 14 Dec 2018 1:08

Instrument :
 BNA_E
 ClientSampleId :
 RE-109D3-20181206DL

Tot Ion:149 Resp: 1812
 Ion Ratio Lower Upper
 149 100
 167 7.3 5.7 8.5
 279 1.3 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: BE098413.D
 Acq: 14 Dec 2018 1:08

Tgt Ion:264 Resp: 7919
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.2 30.2
 265 26.9 25.2 37.8

