

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098409.D
 Acq On : 13 Dec 2018 22:39
 Operator : SJ/JU
 Sample : J6323-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-126D2-20181207

Quant Time: Dec 13 23:16:00 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

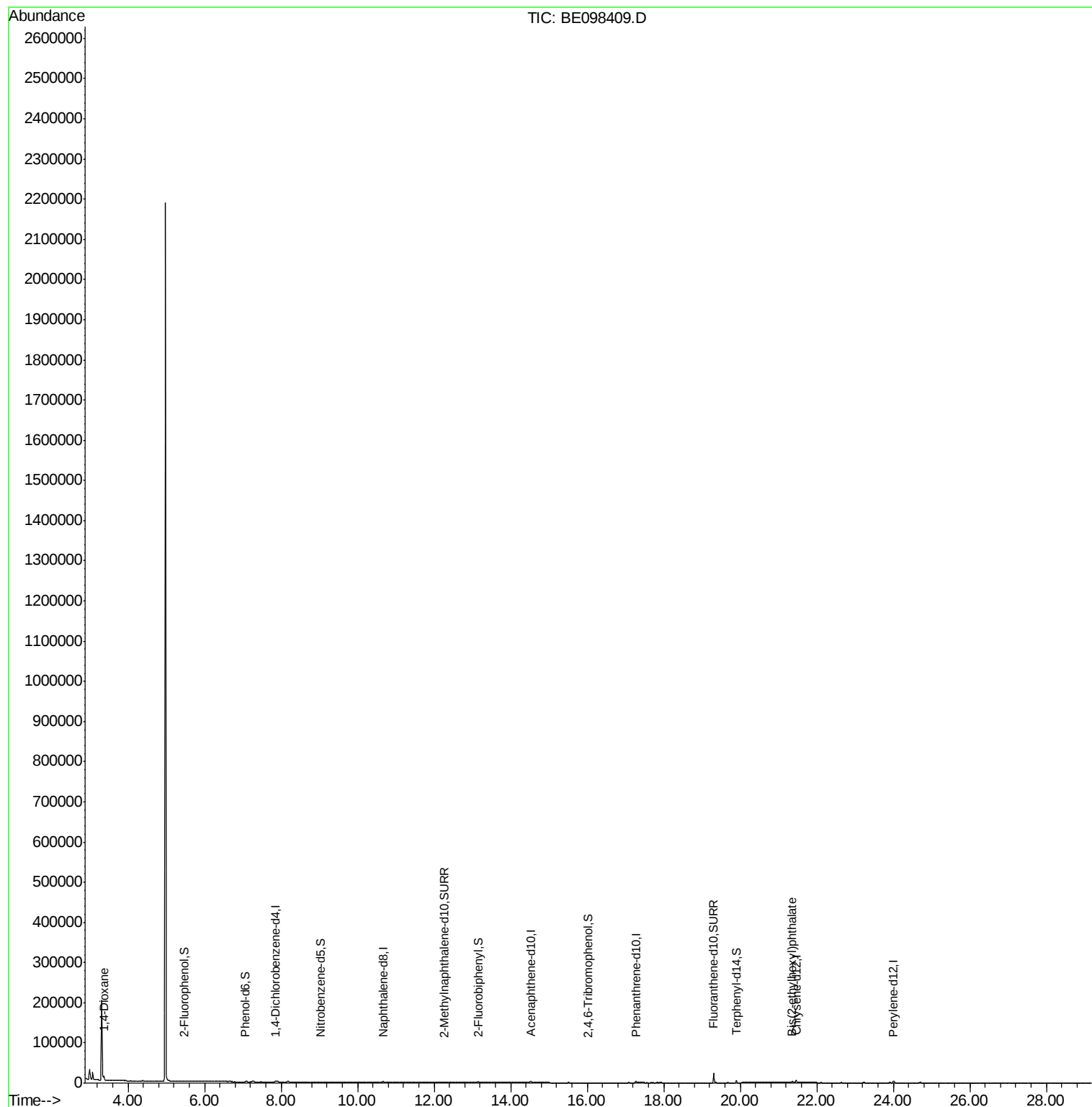
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1050	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4466	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2920	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	7206	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8668	0.40	ng	0.00
34) Perylene-d12	24.00	264	8290	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	170	0.07	ng	0.01
5) Phenol-d6	7.06	99	79	0.02	ng	0.01
8) Nitrobenzene-d5	9.03	82	1209	0.30	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	2819	0.39	ng	0.00
14) 2,4,6-Tribromophenol	16.03	330	120	0.11	ng	0.01
15) 2-Fluorobiphenyl	13.15	172	5132	0.42	ng	0.00
25) Fluoranthene-d10	19.30	212	42499	0.46	ng	0.00
29) Terphenyl-d14	19.90	244	8192	0.39	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.36	88	4699	2.588	ng	Qvalue 95
32) Bis(2-ethylhexyl)phthalate	21.35	149	3919	0.078	ng	# 99

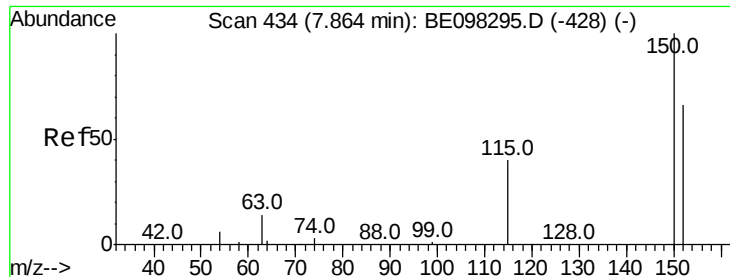
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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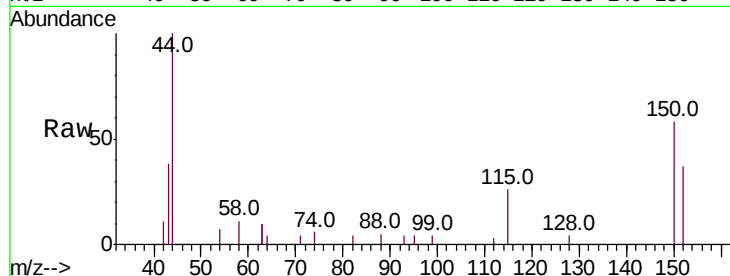


#1

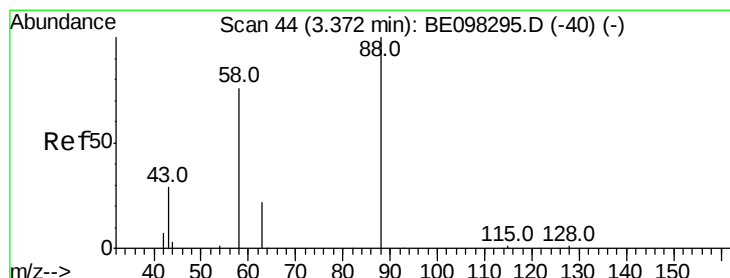
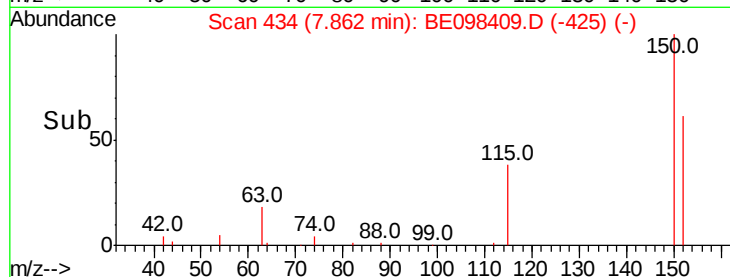
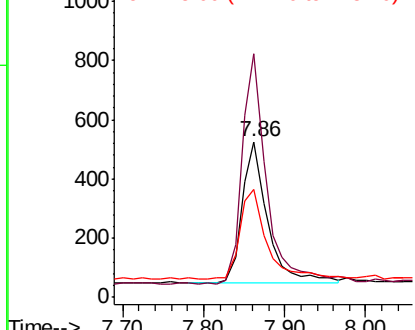
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098409.D
Acq: 13 Dec 2018 22:39

Instrument :
BNA_E
ClientSampleId :
RE-126D2-20181207

Tot Ion:152 Resp: 1050
Ion Ratio Lower Upper
152 100
150 156.8 124.2 186.4
115 69.7 53.9 80.9



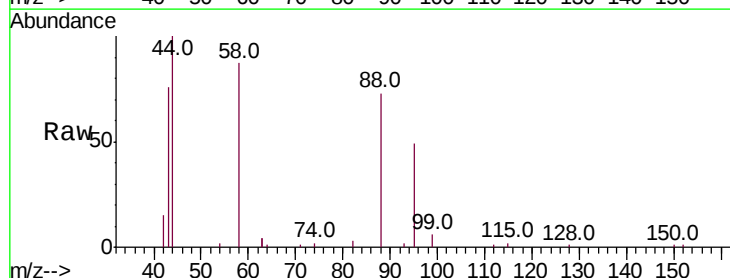
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



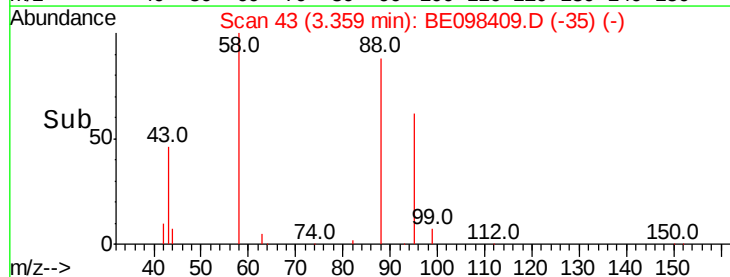
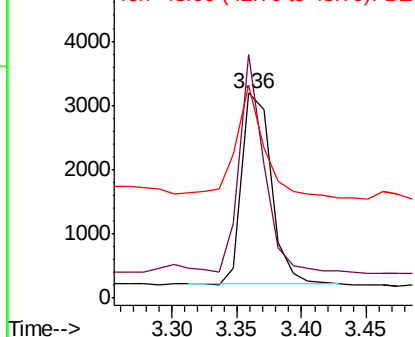
#2

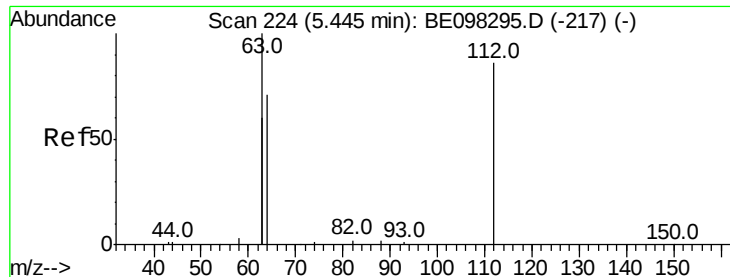
1,4-Dioxane
Concen: 2.588 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098409.D
Acq: 13 Dec 2018 22:39

Tgt Ion: 88 Resp: 4699
Ion Ratio Lower Upper
88 100
58 92.2 75.0 112.6
43 56.3 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: 0.069 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098409.D

Acq: 13 Dec 2018 22:39

Instrument :

BNA_E

ClientSampleId :

RE-126D2-20181207

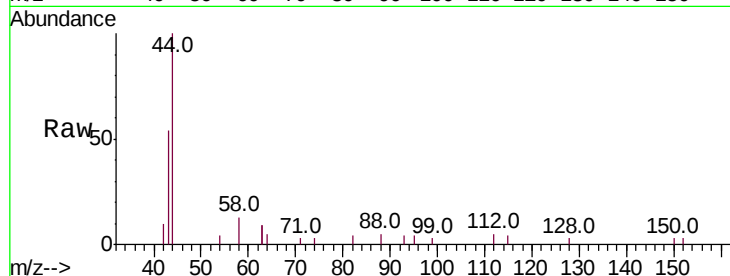
Tot Ion:112 Resp: 170

Ion Ratio Lower Upper

112 100

64 71.8 59.8 89.8

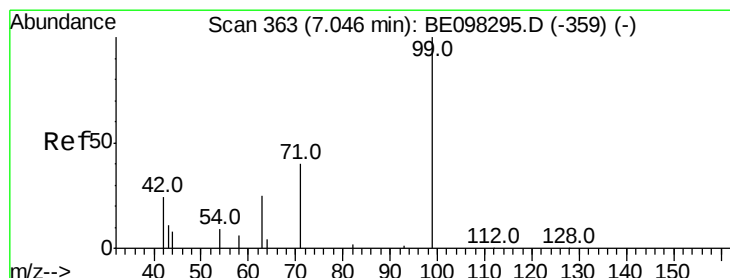
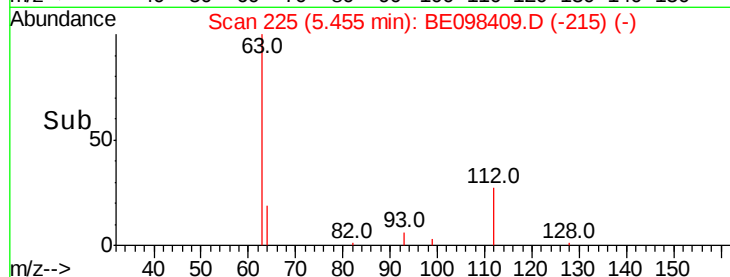
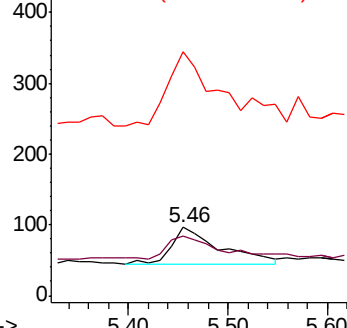
63 187.6 133.7 200.5



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: 0.023 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098409.D

Acq: 13 Dec 2018 22:39

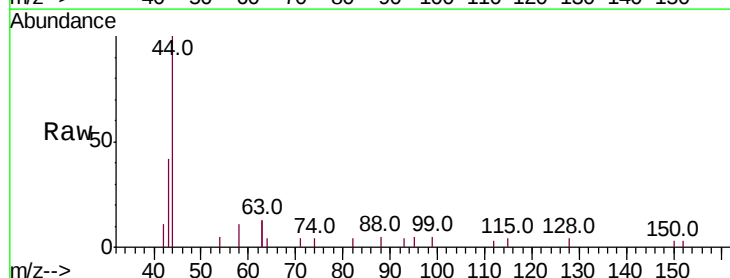
Tgt Ion: 99 Resp: 79

Ion Ratio Lower Upper

99 100

42 100.0 26.3 39.5#

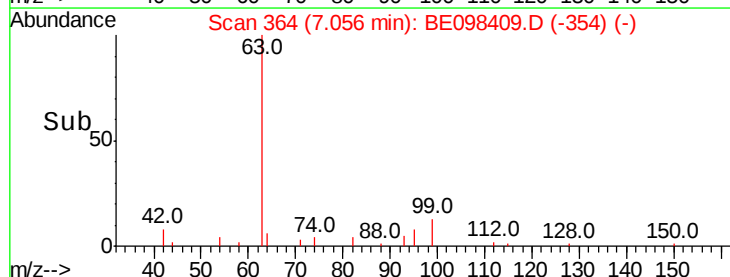
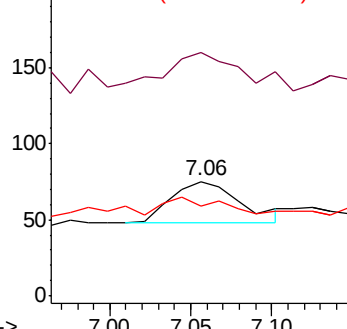
71 35.4 33.6 50.4

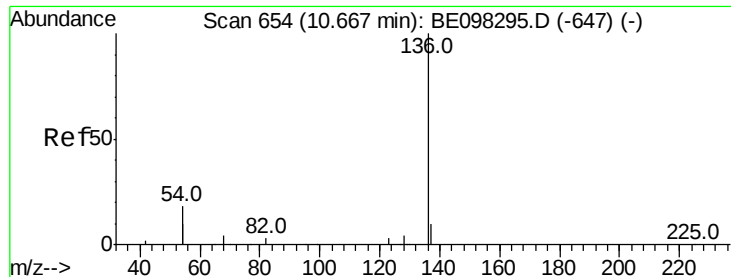


Abundance Ion 99.00 (98.70 to 99.70): BE0

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: BE098409.D

Acq: 13 Dec 2018 22:39

Instrument :

BNA_E

ClientSampleId :

RE-126D2-20181207

Tot Ion:136 Resp: 4466

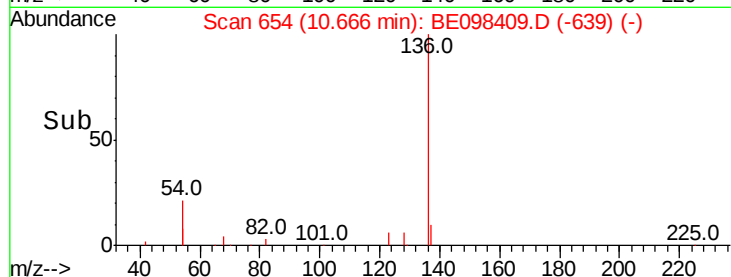
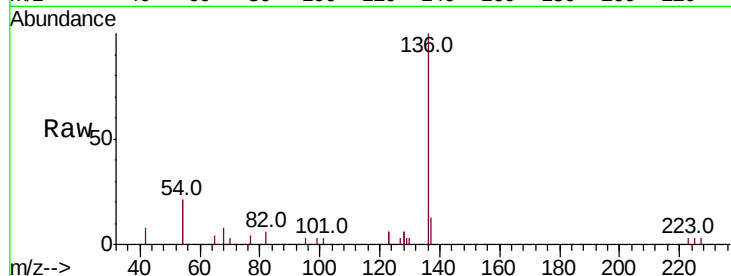
Ion Ratio Lower Upper

136 100

137 12.7 9.2 13.8

54 41.7 28.4 42.6

68 7.8 5.4 8.0

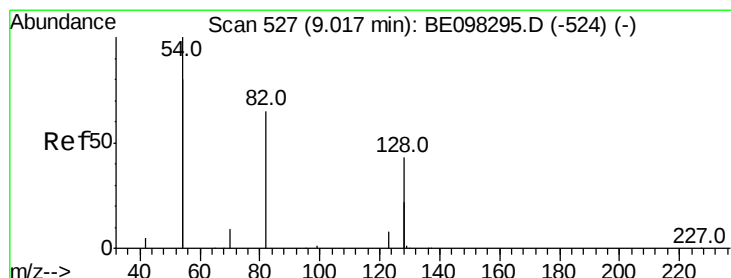
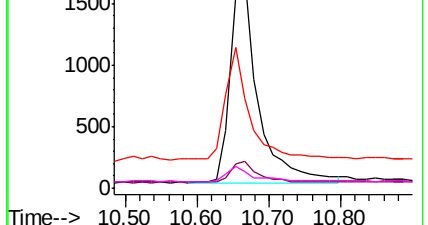


Abundance Ion 136.00 (135.70 to 136.70): E

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



#8

Nitrobenzene-d5

Concen: 0.297 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098409.D

Acq: 13 Dec 2018 22:39

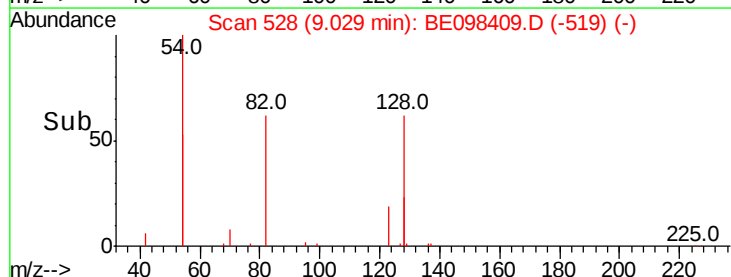
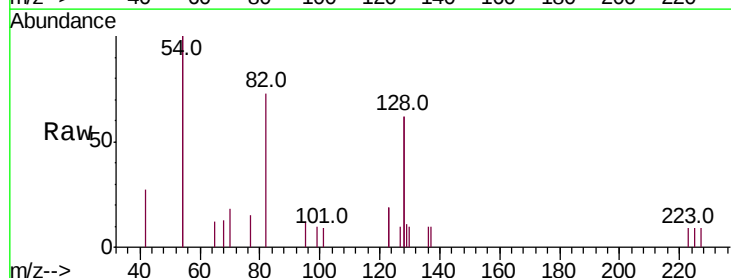
Tgt Ion: 82 Resp: 1209

Ion Ratio Lower Upper

82 100

128 171.3 102.4 153.6#

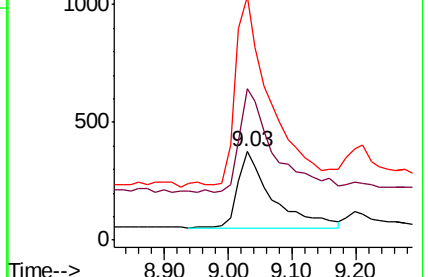
54 275.0 221.8 332.8

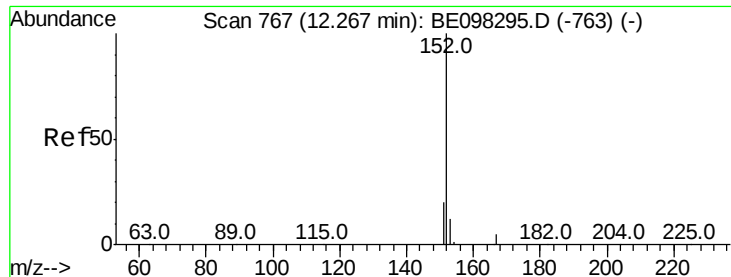


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

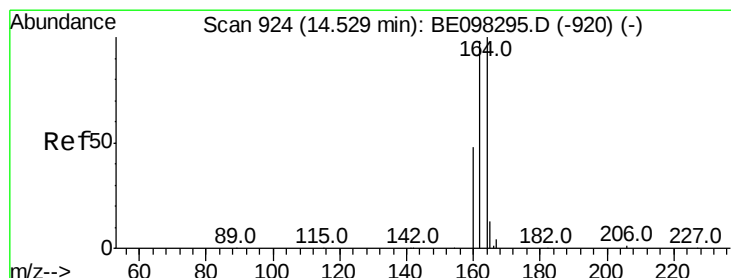
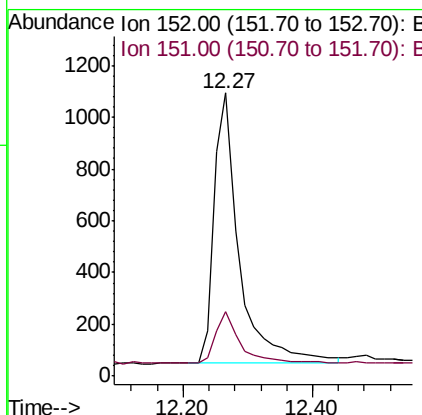
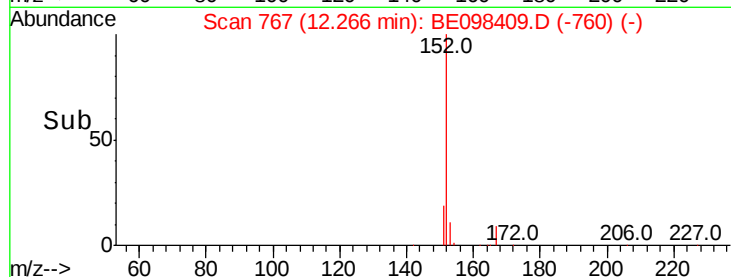
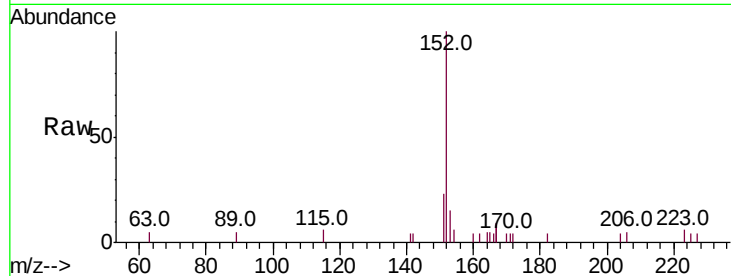




#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.00 min
Lab File: BE098409.D
Acq: 13 Dec 2018 22:39

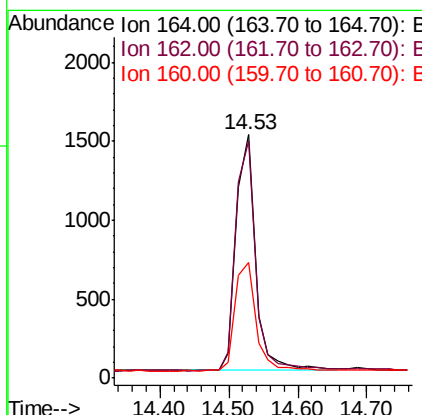
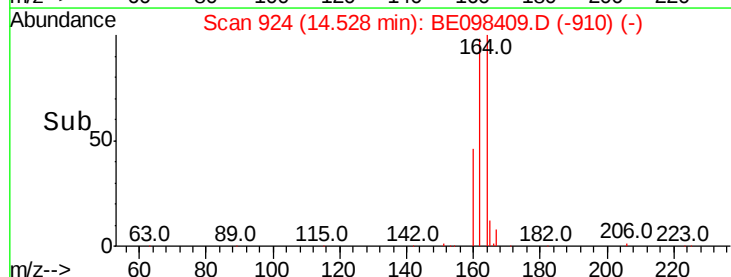
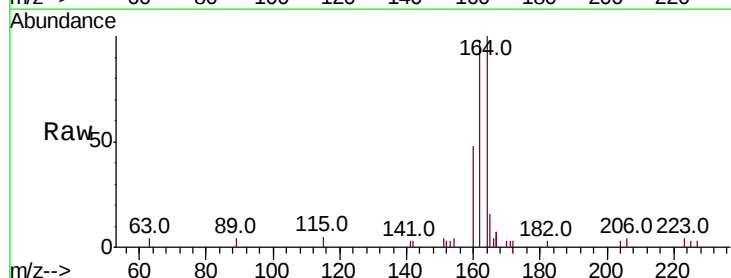
Instrument :
BNA_E
ClientSampleId :
RE-126D2-20181207

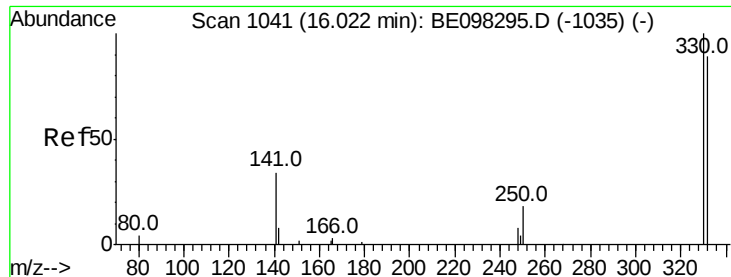
Tot Ion:152 Resp: 2819
Ion Ratio Lower Upper
152 100
151 18.7 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE098409.D
Acq: 13 Dec 2018 22:39

Tgt Ion:164 Resp: 2920
Ion Ratio Lower Upper
164 100
162 97.6 77.6 116.4
160 47.6 36.0 54.0

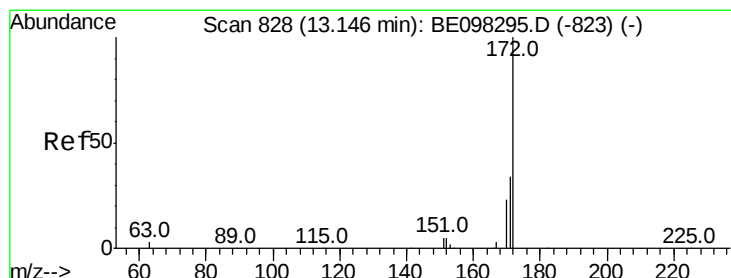
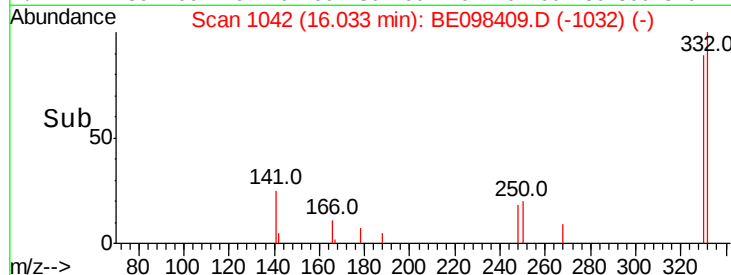
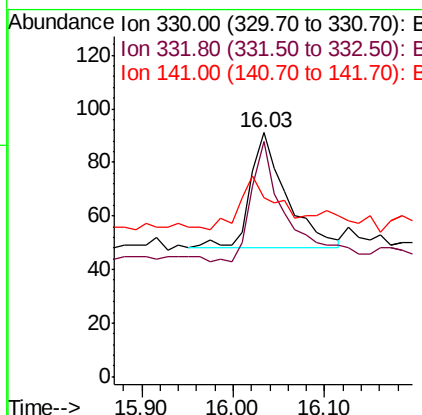
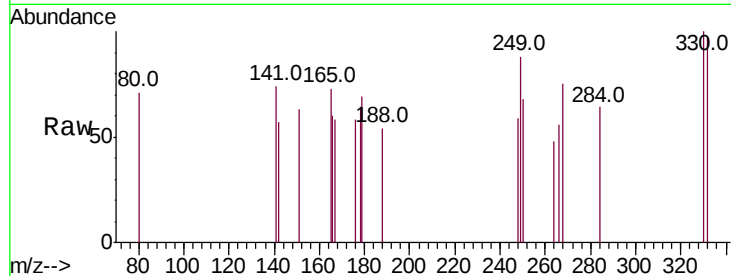




#14
 2,4,6-Tribromophenol
 Concen: 0.112 ng
 RT: 16.03 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: BE098409.D
 Acq: 13 Dec 2018 22:39

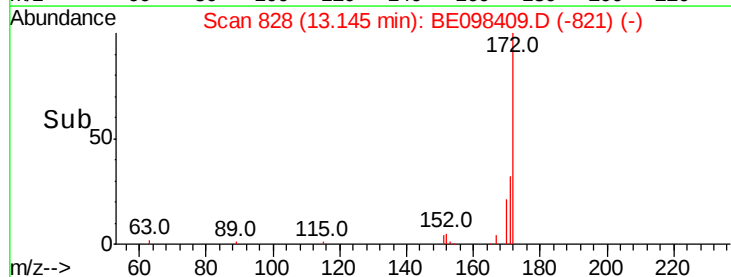
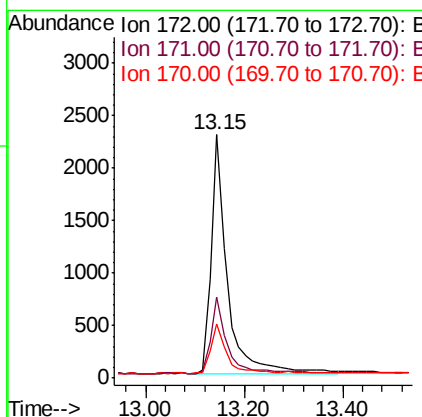
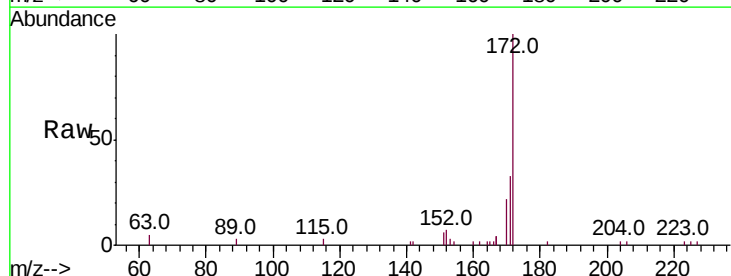
Instrument :
 BNA_E
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 RE-126D2-20181207

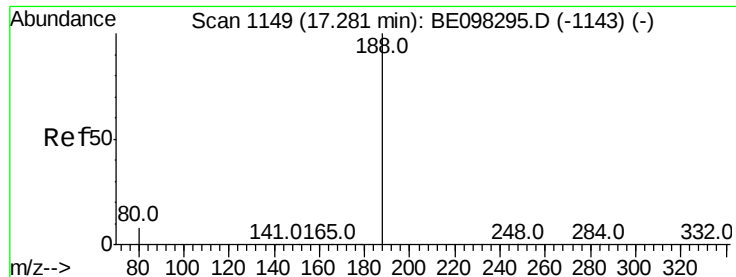
Tot Ion:330 Resp: 120
 Ion Ratio Lower Upper
 330 100
 332 100.8 76.2 114.4
 141 46.7 39.0 58.4



#15
 2-Fluorobiphenyl
 Concen: 0.417 ng
 RT: 13.15 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BE098409.D
 Acq: 13 Dec 2018 22:39

Tgt Ion:172 Resp: 5132
 Ion Ratio Lower Upper
 172 100
 171 33.1 27.5 41.3
 170 22.4 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: BE098409.D

Acq: 13 Dec 2018 22:39

Instrument :

BNA_E

ClientSampleId :

RE-126D2-20181207

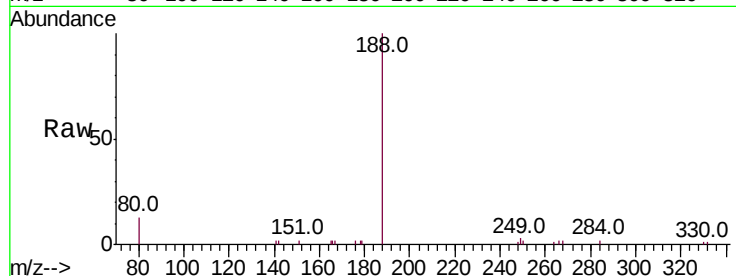
Tot Ion:188 Resp: 7206

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

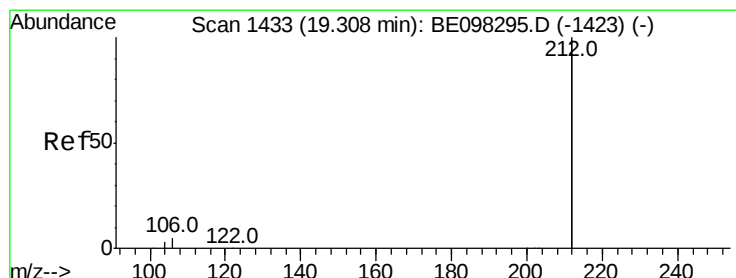
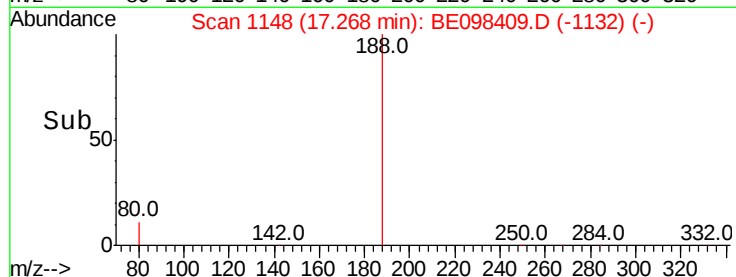
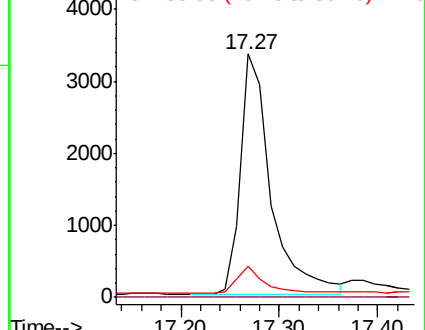
80 12.7 7.2 10.8#



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: 0.460 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BE098409.D

Acq: 13 Dec 2018 22:39

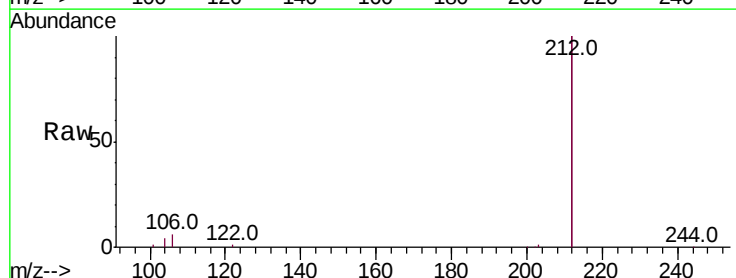
Tgt Ion:212 Resp: 42499

Ion Ratio Lower Upper

212 100

106 2.6 2.2 3.2

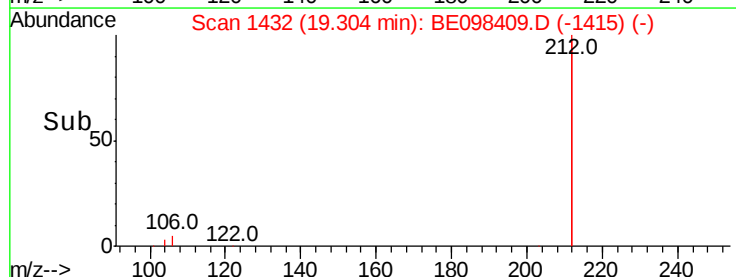
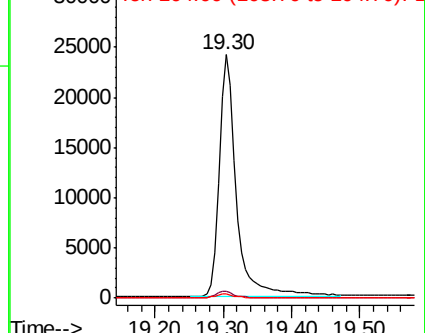
104 1.5 1.3 1.9

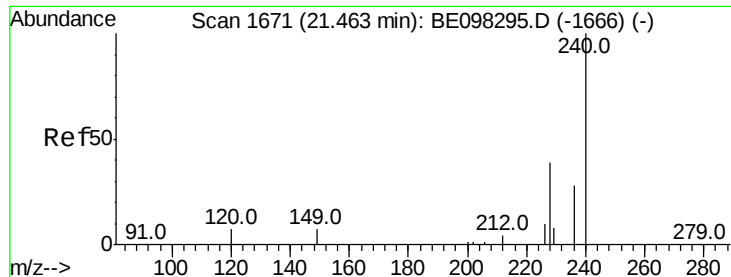


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098409.D

Acq: 13 Dec 2018 22:39

Instrument :

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RE-126D2-20181207

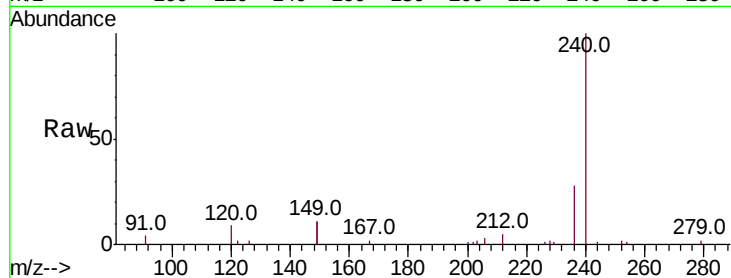
Tot Ion:240 Resp: 8668

Ion Ratio Lower Upper

240 100

120 8.7 9.5 14.3#

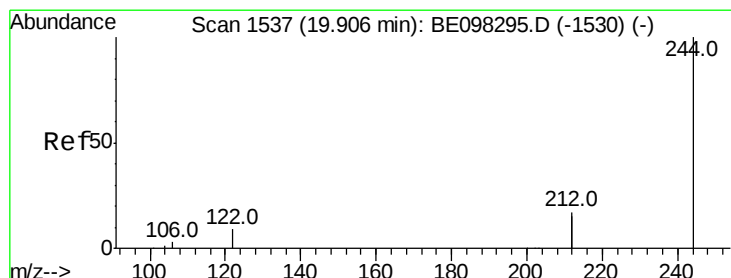
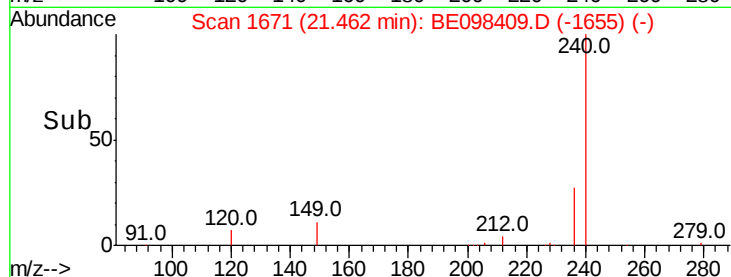
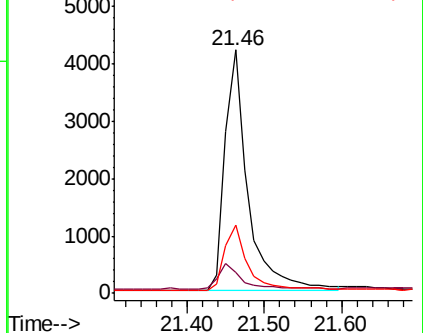
236 28.3 22.7 34.1



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: 0.389 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098409.D

Acq: 13 Dec 2018 22:39

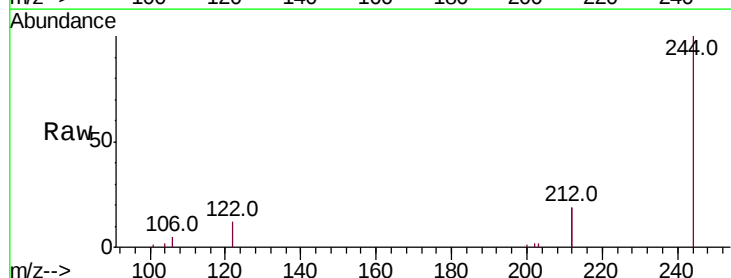
Tgt Ion:244 Resp: 8192

Ion Ratio Lower Upper

244 100

212 37.5 27.4 41.0

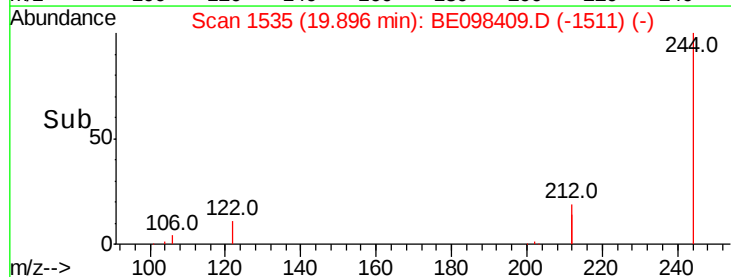
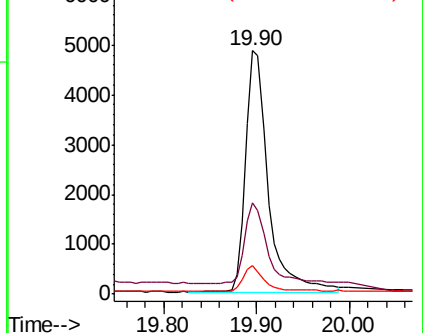
122 11.7 8.3 12.5

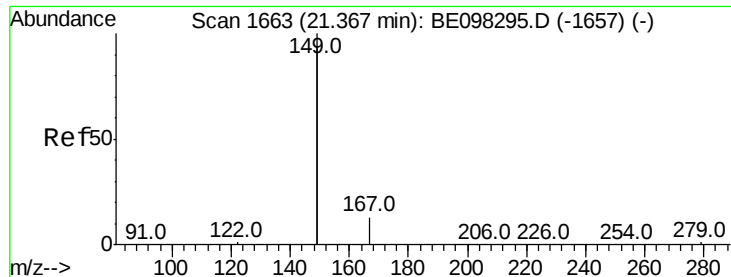


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.078 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098409.D

Acq: 13 Dec 2018 22:39

Instrument :

BNA_E

ClientSampleId :

RE-126D2-20181207

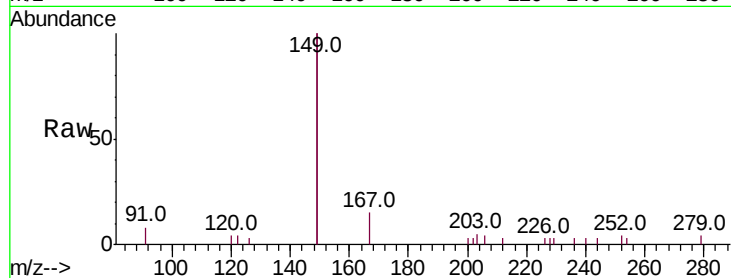
Tot Ion:149 Resp: 3919

Ion Ratio Lower Upper

149 100

167 7.6 5.7 8.5

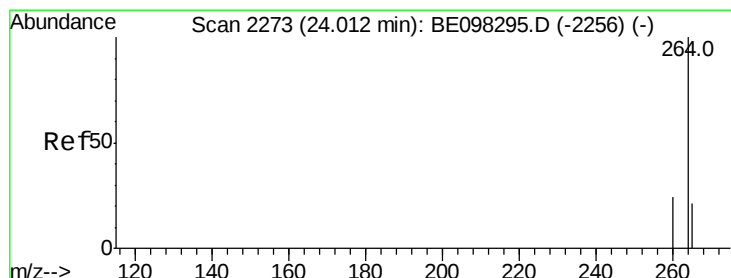
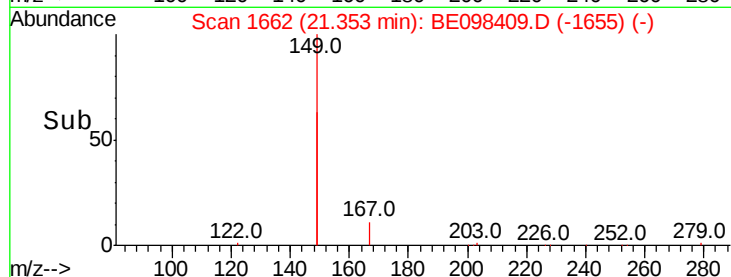
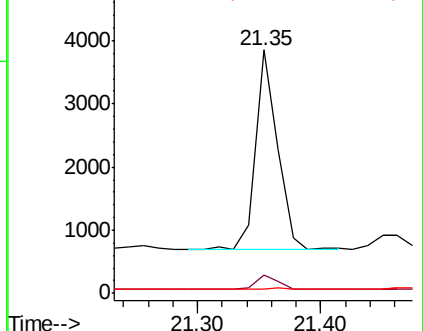
279 1.5 1.0 1.4#



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

Perylene-d12

Concen: 0.400 ng

RT: 24.00 min Scan# 2270

Delta R.T. -0.01 min

Lab File: BE098409.D

Acq: 13 Dec 2018 22:39

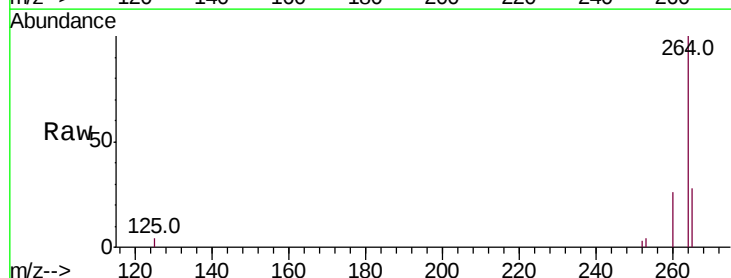
Tgt Ion:264 Resp: 8290

Ion Ratio Lower Upper

264 100

260 26.2 20.2 30.2

265 28.4 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

