

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121318\
 Data File : BE098407.D
 Acq On : 13 Dec 2018 21:27
 Operator : SJ/JU
 Sample : J6323-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE-126D1-20181207

Quant Time: Dec 13 23:12:01 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

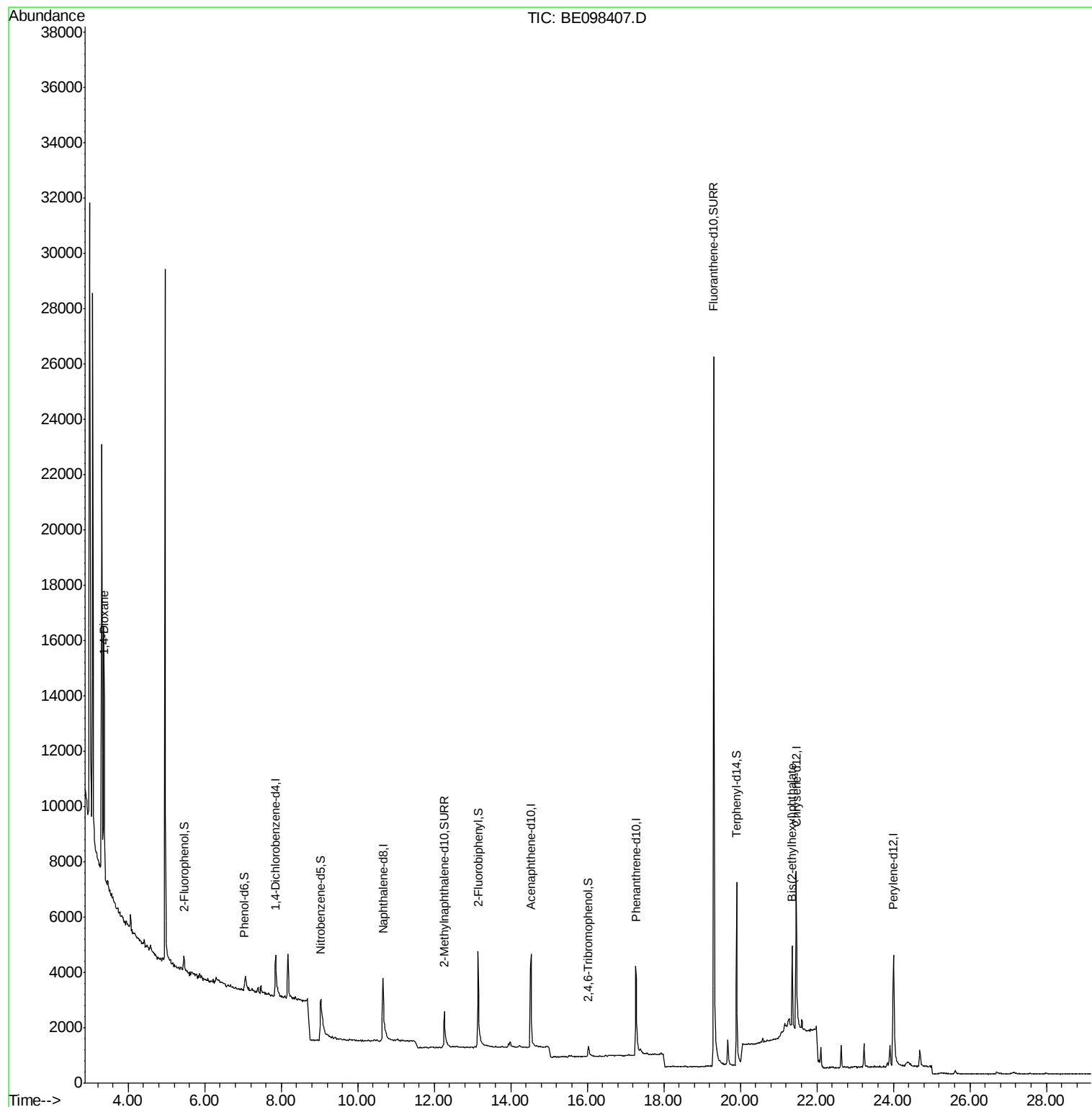
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	983	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	4057	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	2615	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6434	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	8088	0.40	ng	0.00
34) Perylene-d12	24.00	264	7763	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	476	0.21	ng	0.00
5) Phenol-d6	7.04	99	458	0.14	ng	0.00
8) Nitrobenzene-d5	9.04	82	1440	0.39	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	2853	0.43	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	399	0.42	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	5086	0.46	ng	0.00
25) Fluoranthene-d10	19.30	212	43682	0.53	ng	0.00
29) Terphenyl-d14	19.90	244	7404	0.38	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.37	88	4854	2.855	ng	Qvalue 96
32) Bis(2-ethylhexyl)phthalate	21.35	149	3982	0.085	ng	# 100

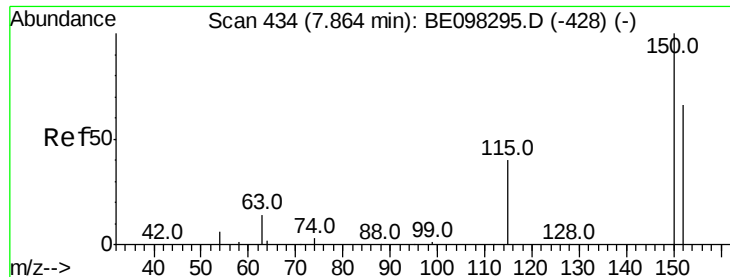
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE098407.D

Acq: 13 Dec 2018 21:27

Instrument :

BNA_E

ClientSampleId :

RE-126D1-20181207

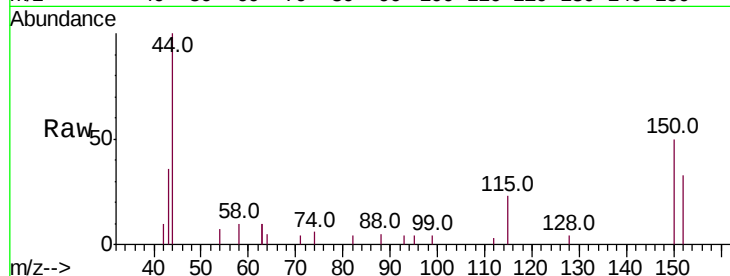
Tot Ion:152 Resp: 983

Ion Ratio Lower Upper

152 100

150 151.4 124.2 186.4

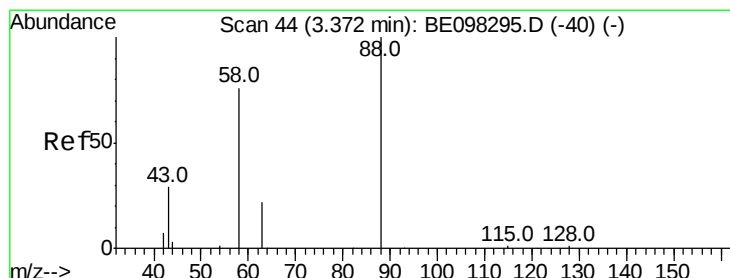
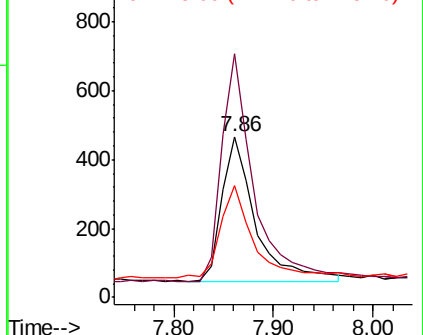
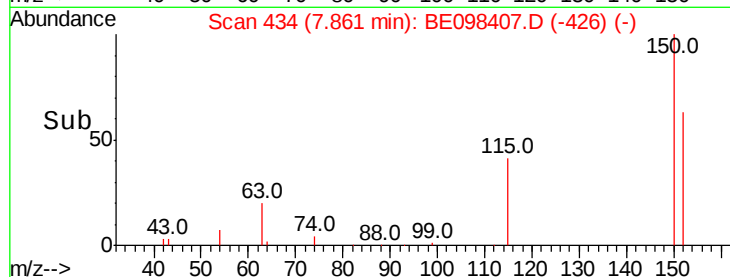
115 69.8 53.9 80.9



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: 2.855 ng

RT: 3.37 min Scan# 44

Delta R.T. -0.00 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

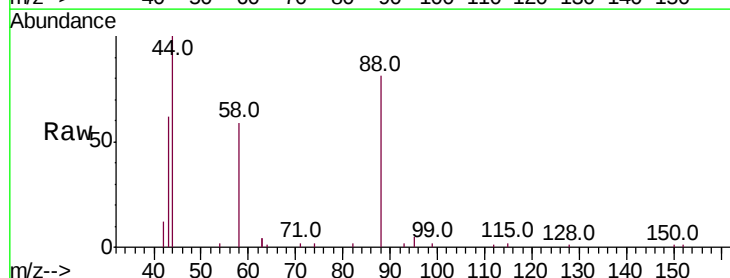
Tgt Ion: 88 Resp: 4854

Ion Ratio Lower Upper

88 100

58 96.7 75.0 112.6

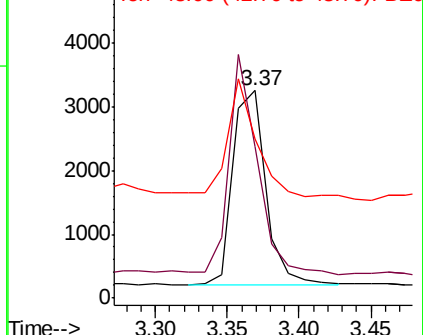
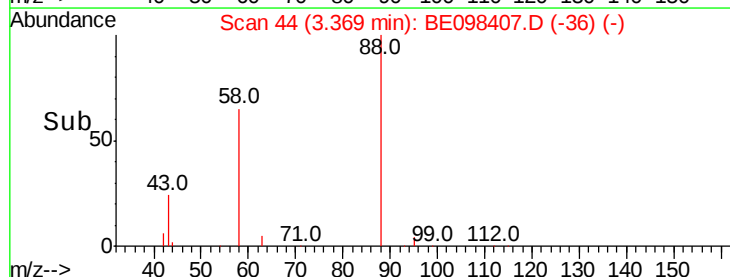
43 51.4 38.3 57.5

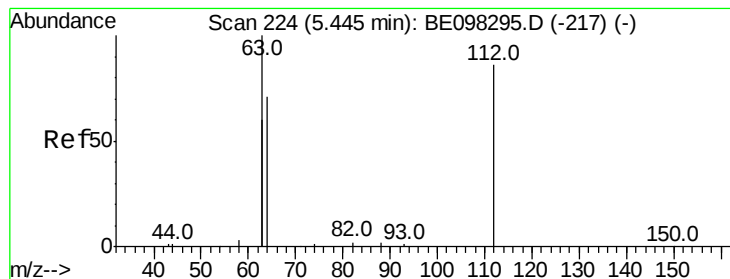


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 0.207 ng

RT: 5.45 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

Instrument :

BNA_E

ClientSampleId :

RE-126D1-20181207

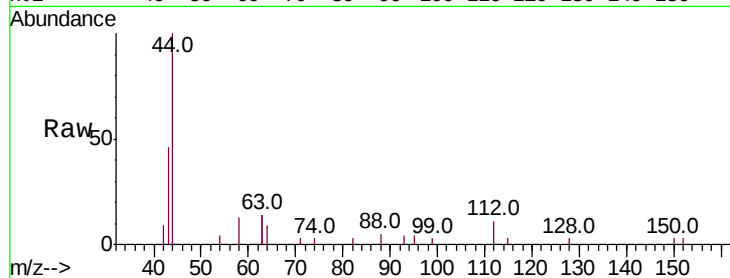
Tot Ion:112 Resp: 476

Ion Ratio Lower Upper

112 100

64 84.0 59.8 89.8

63 206.1 133.7 200.5#



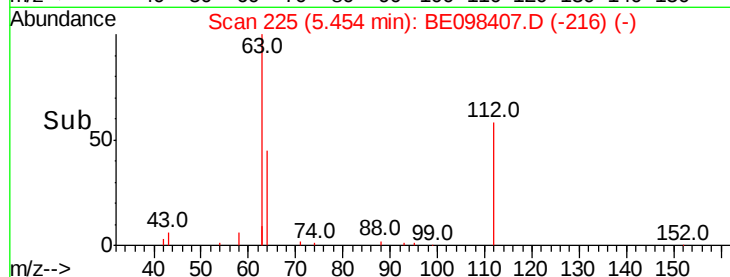
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

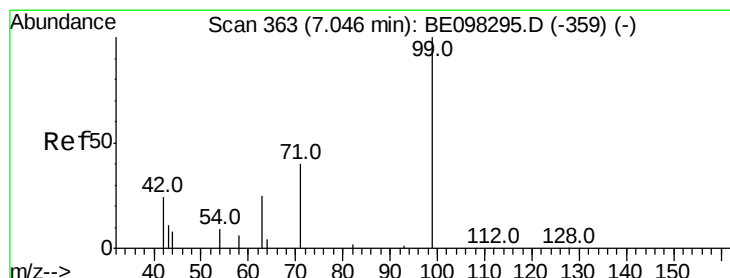
Ion 63.00 (62.70 to 63.70): BE0

5.45

Time-->



Time-->



#5

Phenol-d6

Concen: 0.141 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

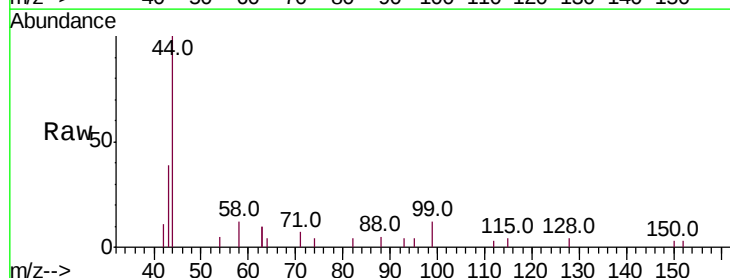
Tgt Ion: 99 Resp: 458

Ion Ratio Lower Upper

99 100

42 50.4 26.3 39.5#

71 35.4 33.6 50.4



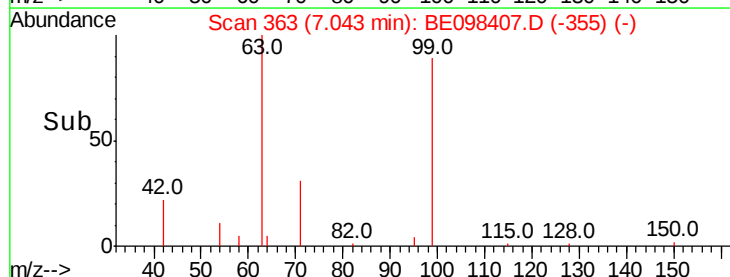
Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

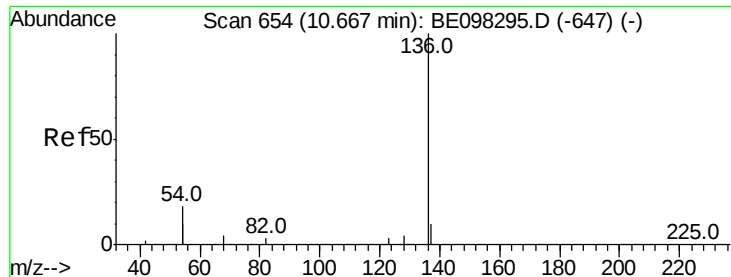
Ion 71.00 (70.70 to 71.70): BE0

7.04

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

Instrument :

BNA_E

ClientSampleId :

RE-126D1-20181207

Tot Ion:136 Resp: 4057

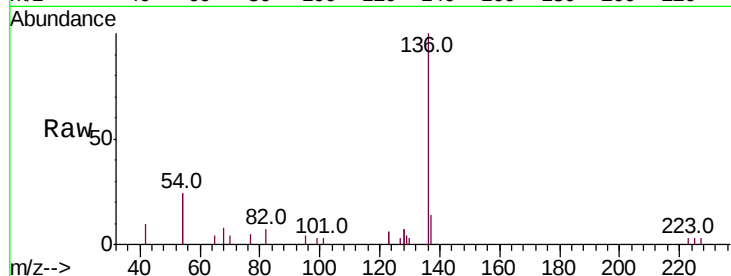
Ion Ratio Lower Upper

136 100

137 13.7 9.2 13.8

54 47.2 28.4 42.6#

68 8.1 5.4 8.0#

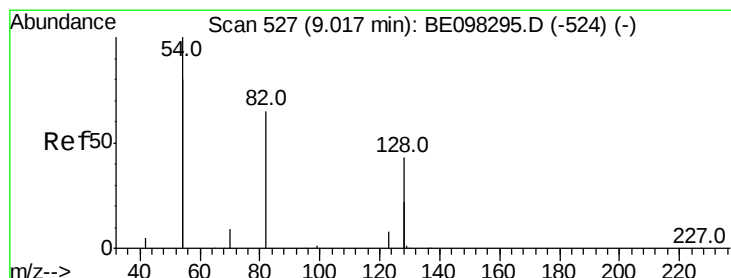
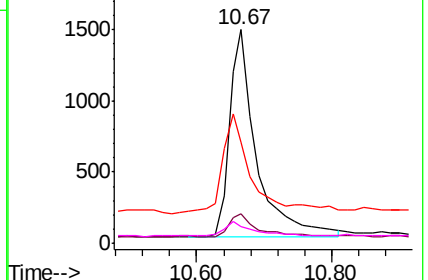
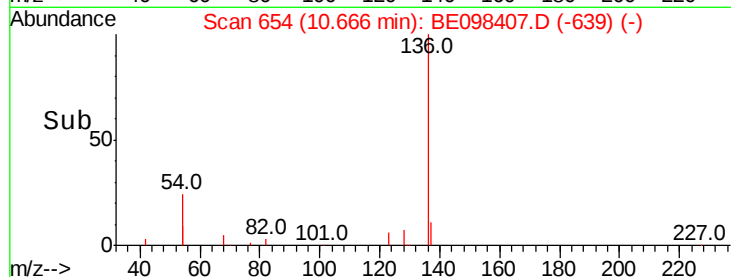


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.390 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

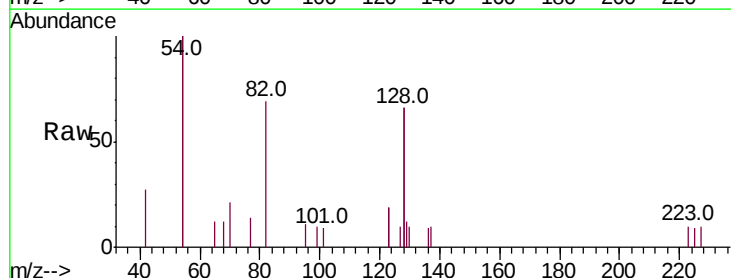
Tgt Ion: 82 Resp: 1440

Ion Ratio Lower Upper

82 100

128 191.5 102.4 153.6#

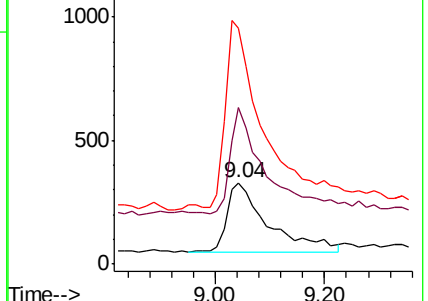
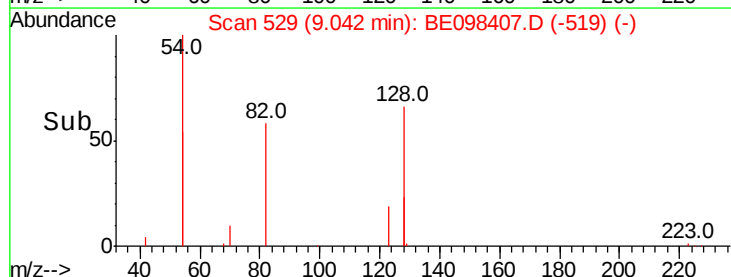
54 289.7 221.8 332.8

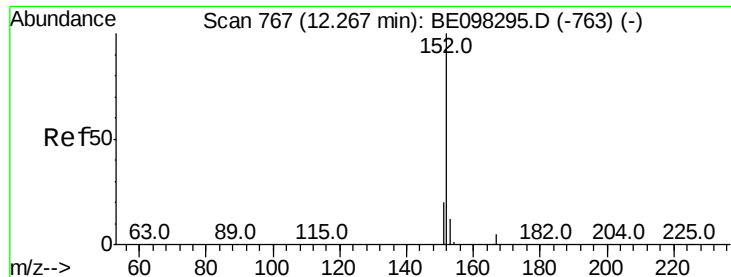


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0

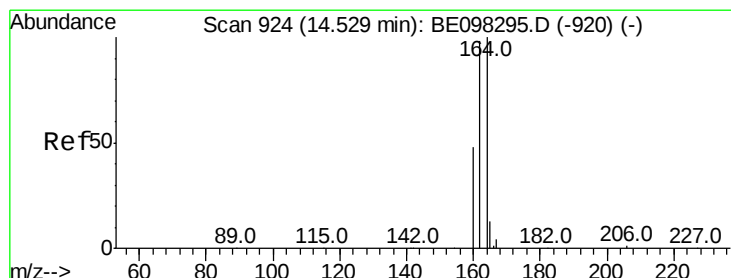
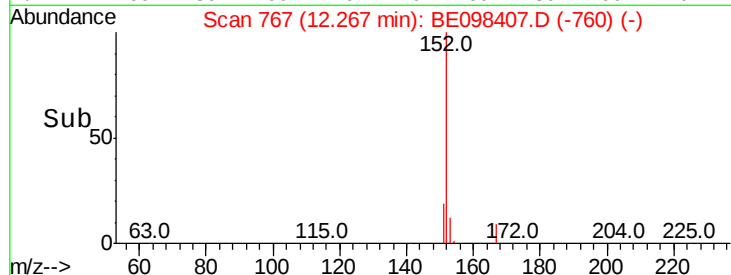
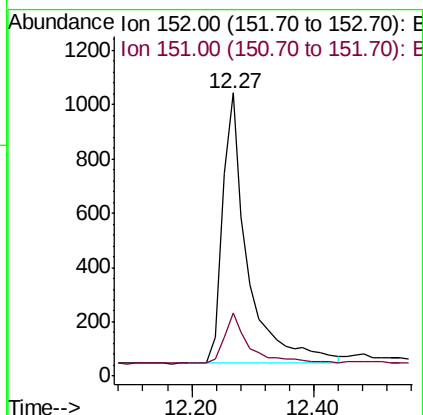
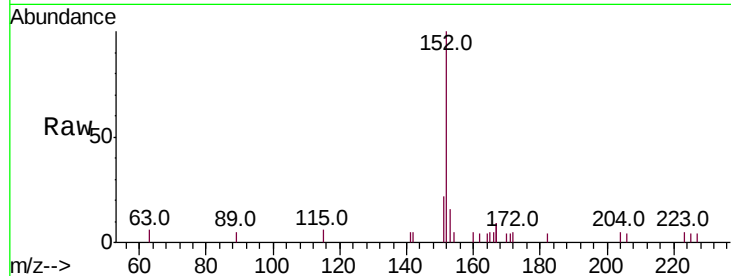




#11
2-Methylnaphthalene-d10
Concen: 0.432 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098407.D
Acq: 13 Dec 2018 21:27

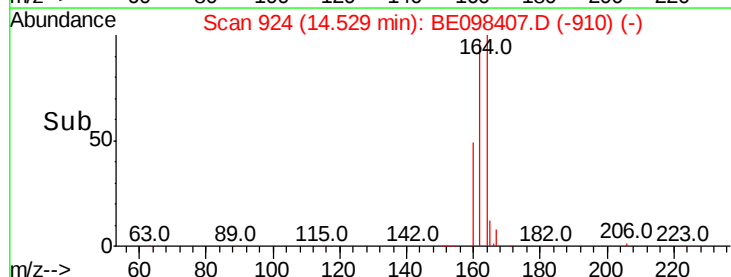
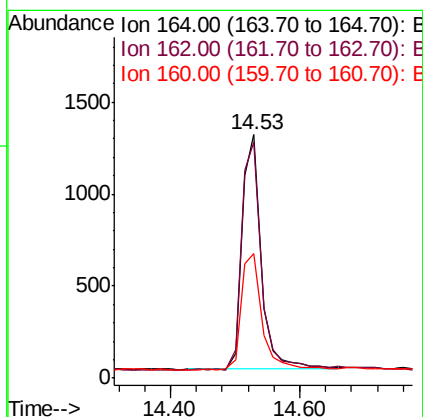
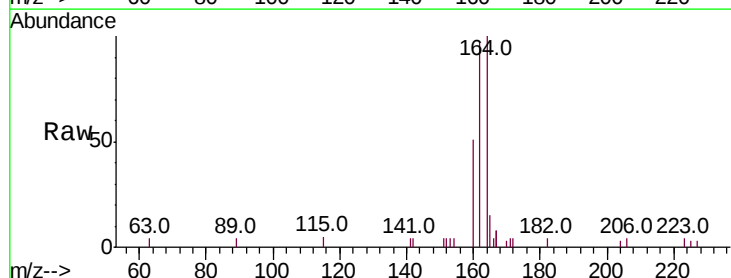
Instrument :
BNA_E
ClientSampleId :
RE-126D1-20181207

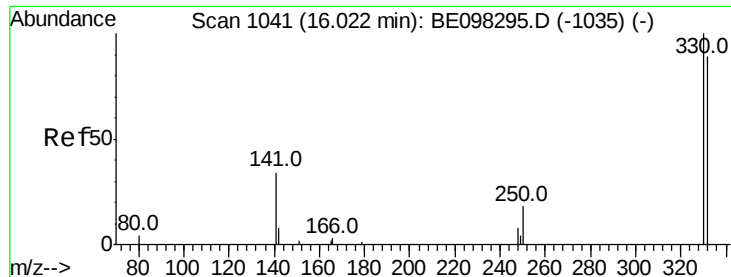
Tot Ion:152 Resp: 2853
Ion Ratio Lower Upper
152 100
151 18.3 16.2 24.4



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098407.D
Acq: 13 Dec 2018 21:27

Tgt Ion:164 Resp: 2615
Ion Ratio Lower Upper
164 100
162 96.7 77.6 116.4
160 51.2 36.0 54.0

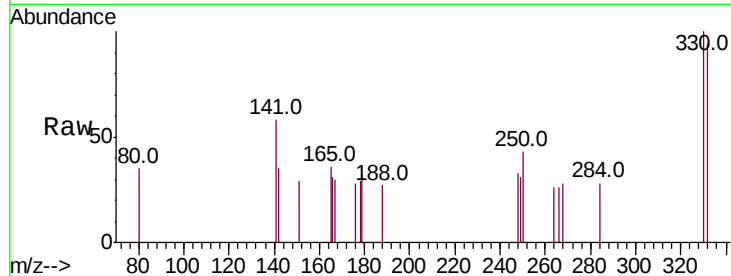




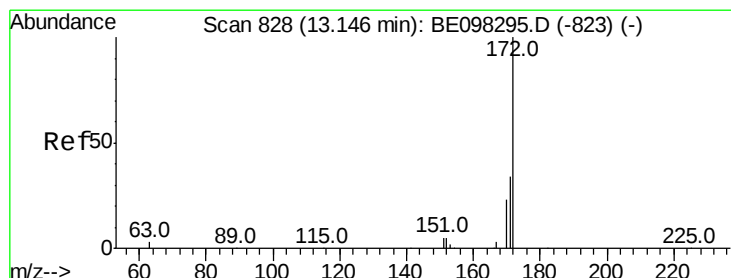
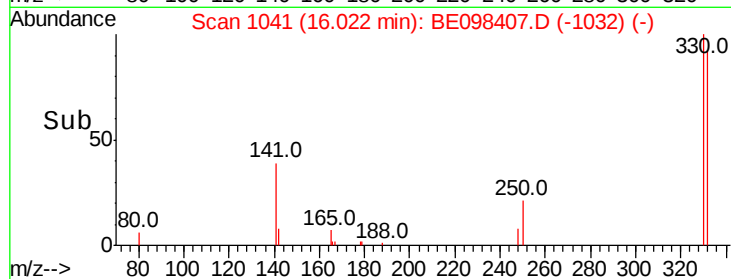
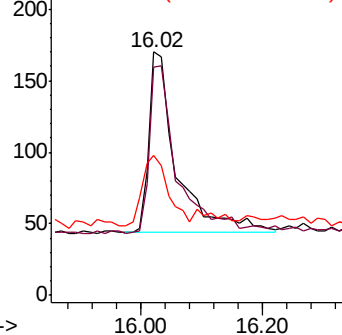
#14
 2,4,6-Tribromophenol
 Concen: 0.416 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

Instrument :
 BNA_E
 ClientSampleId :
 RE-126D1-20181207

Tot Ion:330 Resp: 399
 Ion Ratio Lower Upper
 330 100
 332 92.5 76.2 114.4
 141 35.1 39.0 58.4#

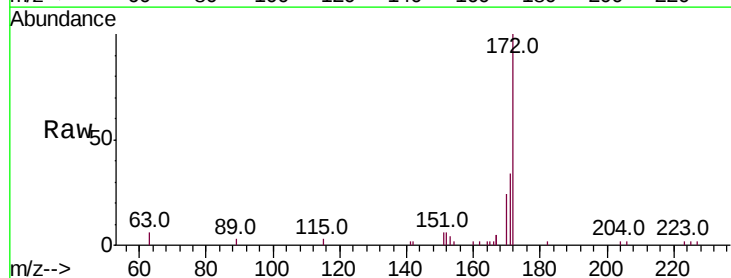


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

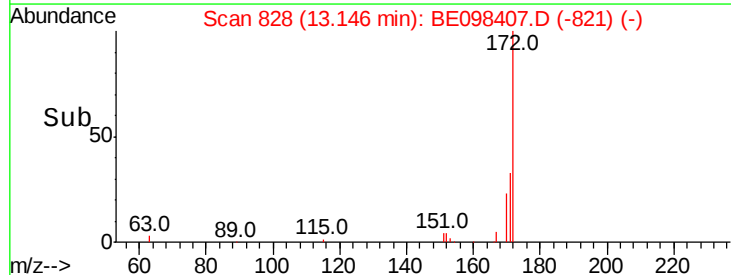
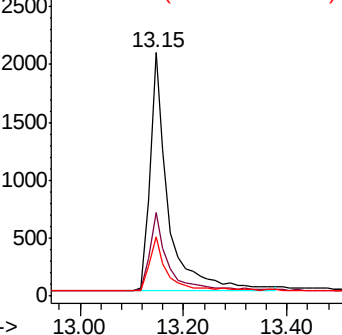


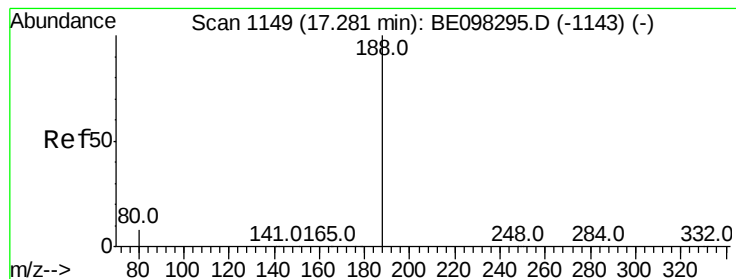
#15
 2-Fluorobiphenyl
 Concen: 0.461 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

Tgt Ion:172 Resp: 5086
 Ion Ratio Lower Upper
 172 100
 171 34.2 27.5 41.3
 170 24.3 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: BE098407.D

Acq: 13 Dec 2018 21:27

Instrument :

BNA_E

ClientSampleId :

RE-126D1-20181207

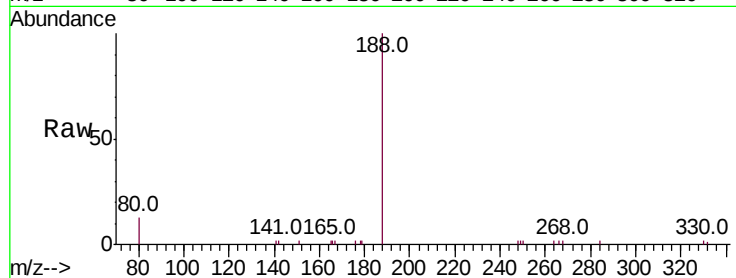
Tot Ion:188 Resp: 6434

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

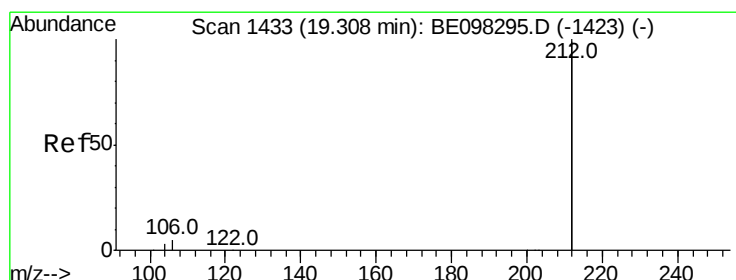
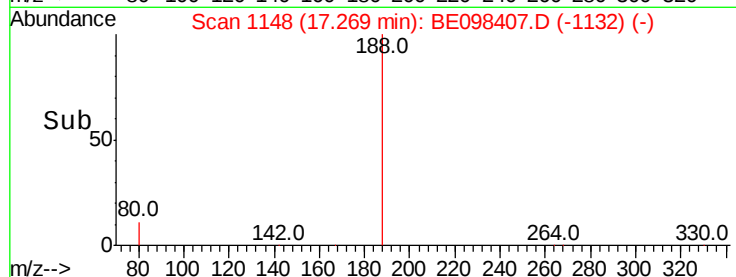
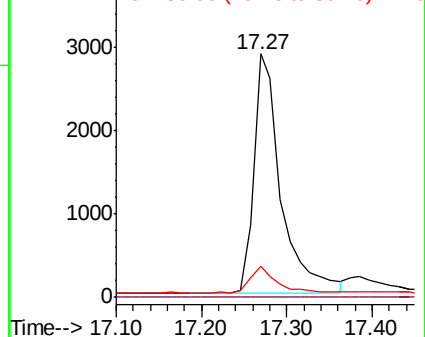
80 13.0 7.2 10.8#



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: 0.529 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

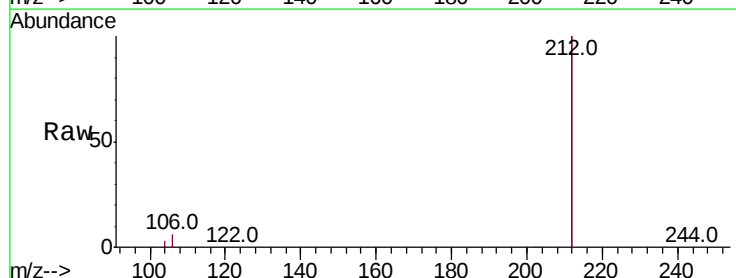
Tgt Ion:212 Resp: 43682

Ion Ratio Lower Upper

212 100

106 2.7 2.2 3.2

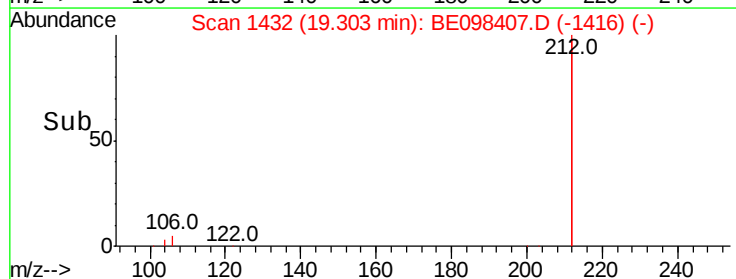
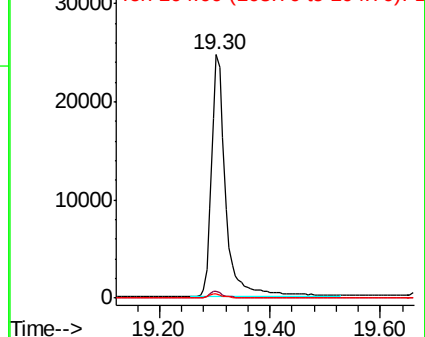
104 1.5 1.3 1.9

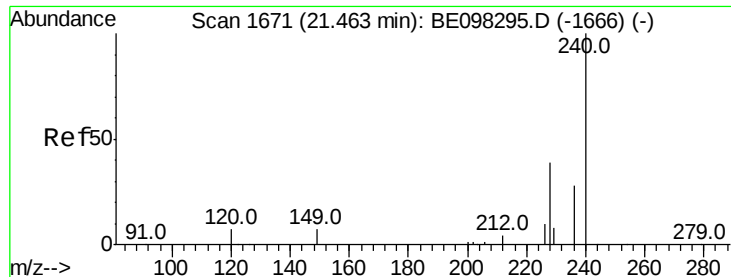


Abundance Ion 212.00 (211.70 to 212.70): E

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: BE098407.D

Acq: 13 Dec 2018 21:27

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ClientSampleId :

RE-126D1-20181207

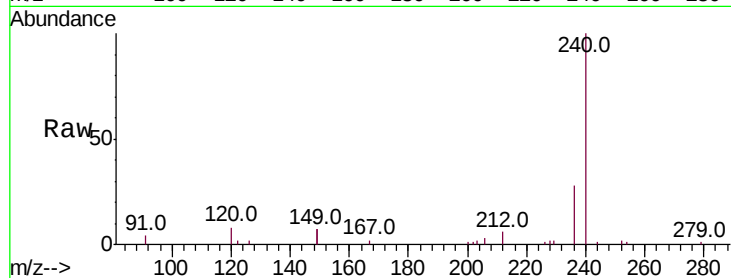
Tot Ion:240 Resp: 8088

Ion Ratio Lower Upper

240 100

120 7.7 9.5 14.3#

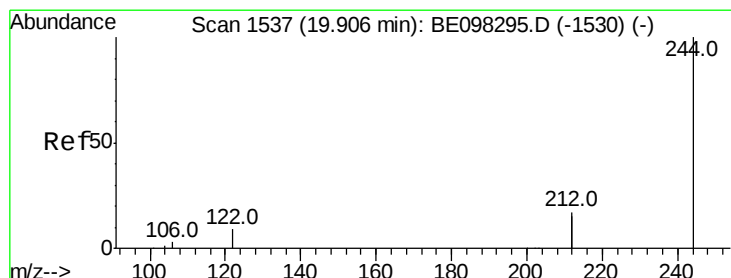
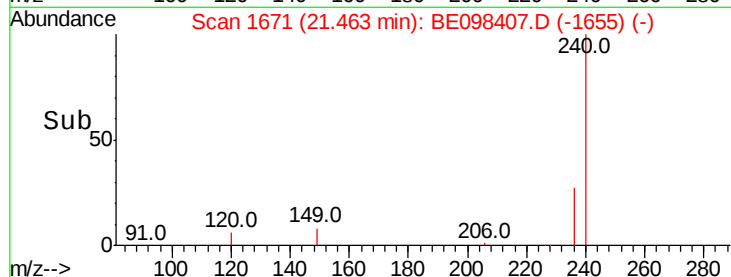
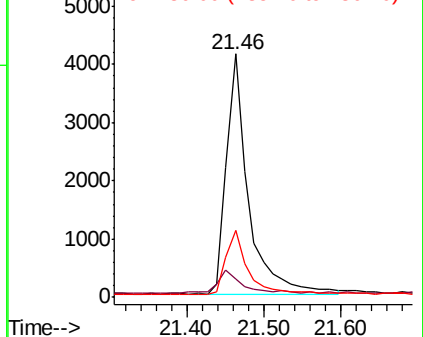
236 27.7 22.7 34.1



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: 0.377 ng

RT: 19.90 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BE098407.D

Acq: 13 Dec 2018 21:27

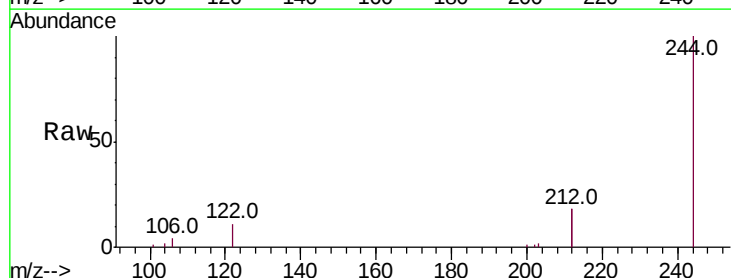
Tgt Ion:244 Resp: 7404

Ion Ratio Lower Upper

244 100

212 36.0 27.4 41.0

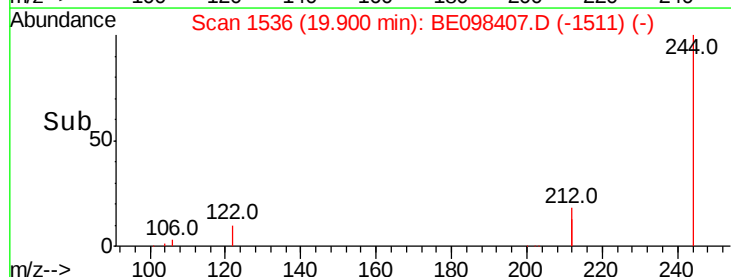
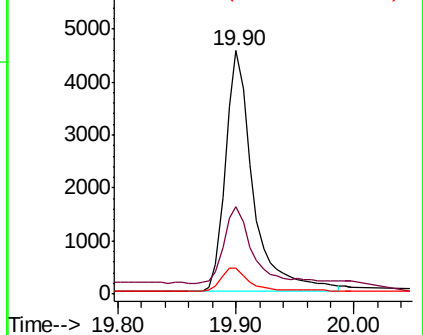
122 10.5 8.3 12.5

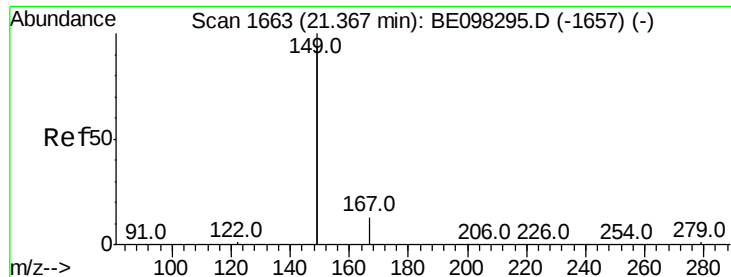


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

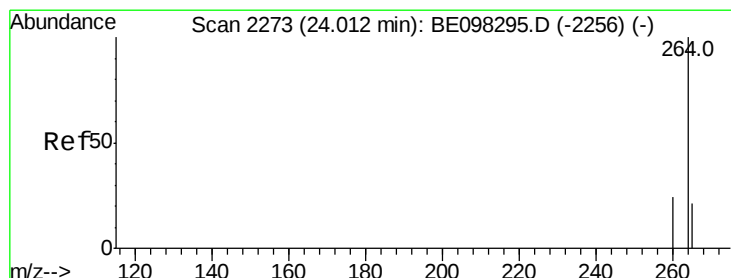
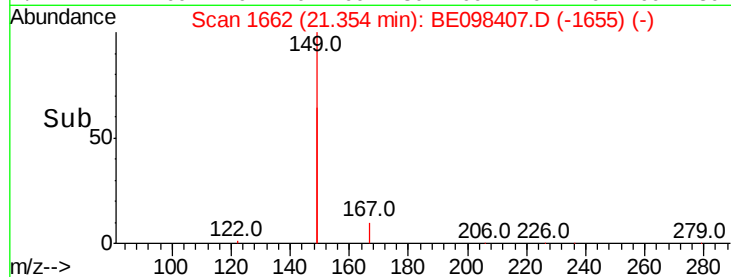
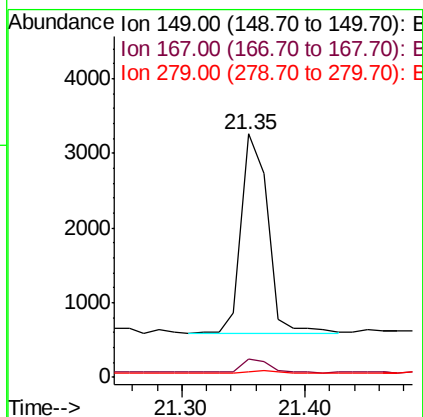
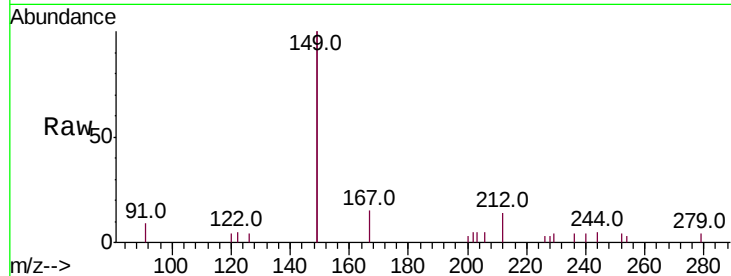




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.085 ng
 RT: 21.35 min Scan# 1662
 Delta R.T. -0.01 min
 Lab File: BE098407.D
 Acq: 13 Dec 2018 21:27

Instrument :
 BNA_E
 ClientSampleId :
 RE-126D1-20181207

Tot Ion:149 Resp: 3982
 Ion Ratio Lower Upper
 149 100
 167 7.0 5.7 8.5
 279 1.9 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: BE098407.D
 Acq: 13 Dec 2018 21:27

Tgt Ion:264 Resp: 7763
 Ion Ratio Lower Upper
 264 100
 260 25.9 20.2 30.2
 265 27.2 25.2 37.8

