

Data File : BE098500.D
Acq On : 16 Dec 2018 9:53
Operator : SJ/JU
Sample : J6405-01DL 2X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Quant Time: Dec 17 02:04:43 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

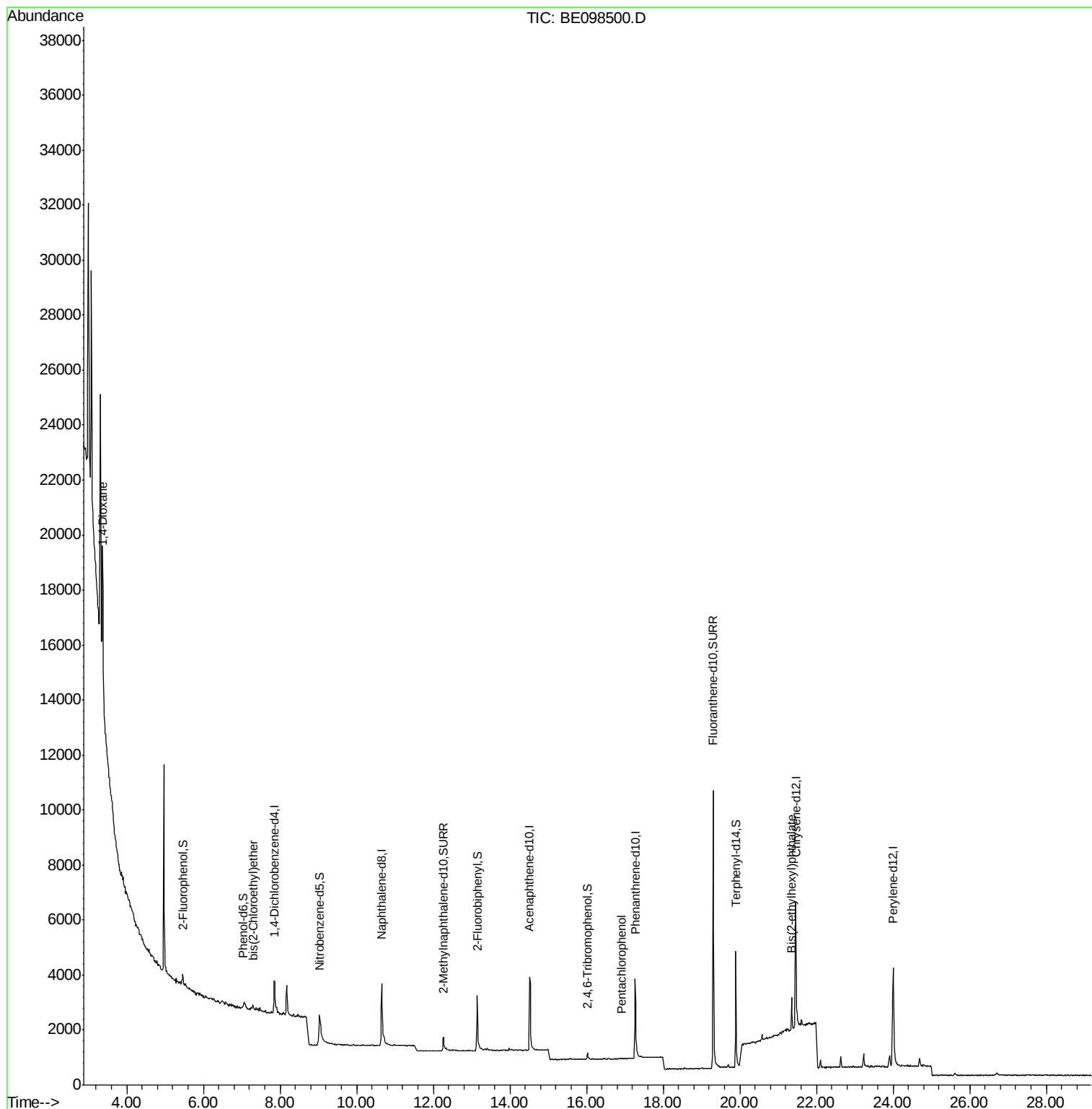
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	777	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	3286	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2026	0.40	ng	-0.01
19) Phenanthrene-d10	17.27	188	5318	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	6512	0.40	ng	0.00
34) Perylene-d12	24.00	264	6386	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	238	0.13	ng	0.01
5) Phenol-d6	7.04	99	243	0.09	ng	0.00
8) Nitrobenzene-d5	9.03	82	948	0.32	ng	0.01
11) 2-Methylnaphthalene-d10	12.25	152	1059	0.20	ng	-0.01
14) 2,4,6-Tribromophenol	16.02	330	200	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	2723	0.32	ng	0.00
25) Fluoranthene-d10	19.30	212	15726	0.23	ng	0.00
29) Terphenyl-d14	19.90	244	4151	0.26	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.37	88	2805	2.087	ng	Qvalue # 93
6) bis(2-Chloroethyl)ether	7.29	93	82	0.034	ng	# 69
22) Pentachlorophenol	16.91	266	8	0.033	ng	# 68
32) Bis(2-ethylhexyl)phthalate	21.35	149	1539	0.041	ng	98

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE121018.M
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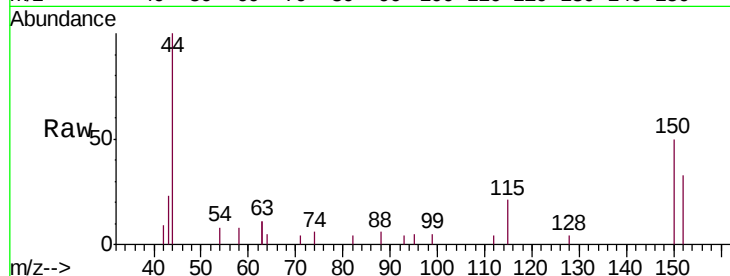


#1

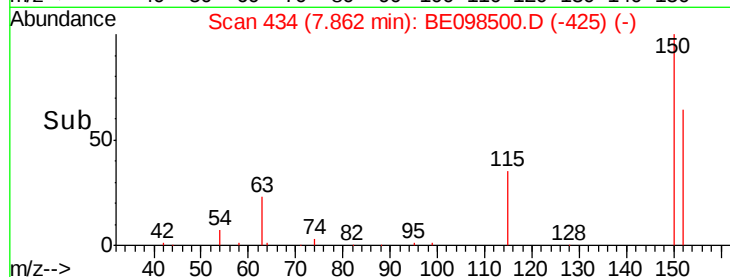
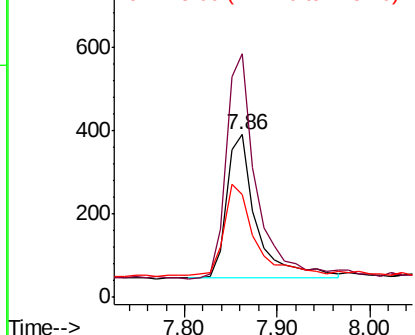
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Instrument :
BNA_E
ClientSampleId :
TT101D-20181212DL

Tgt Ion: 152 Resp: 777
Ion Ratio Lower Upper
152 100
150 149.9 124.2 186.4
115 63.0 53.9 80.9



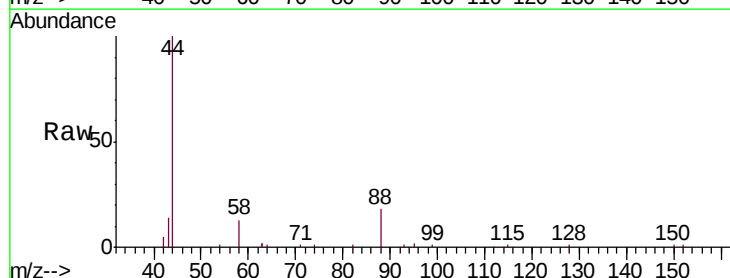
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



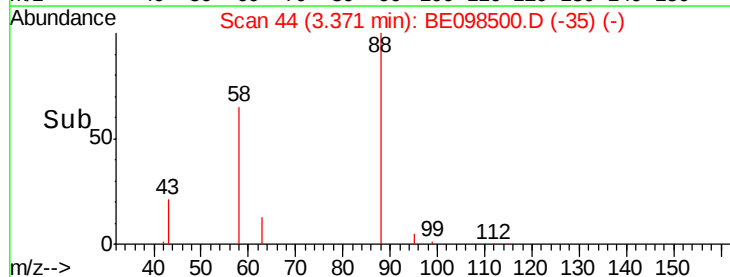
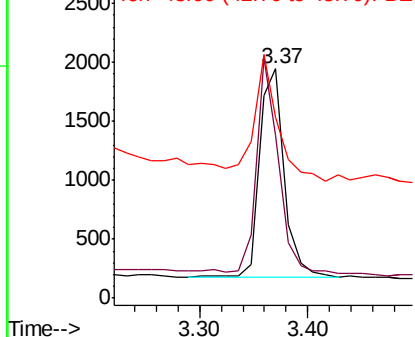
#2

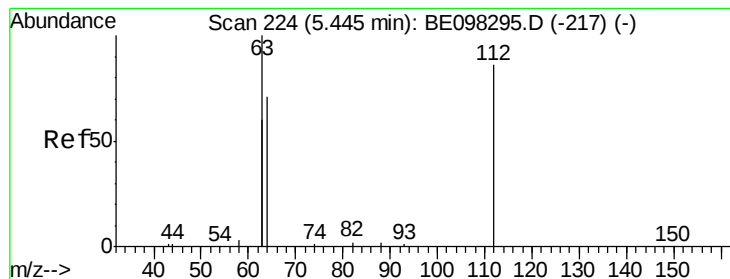
1,4-Dioxane
Concen: 2.087 ng
RT: 3.37 min Scan# 44
Delta R.T. -0.00 min
Lab File: BE098500.D
Acq: 16 Dec 2018 9:53

Tgt Ion: 88 Resp: 2805
Ion Ratio Lower Upper
88 100
58 91.9 75.0 112.6
43 59.4 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: 0.131 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212DL

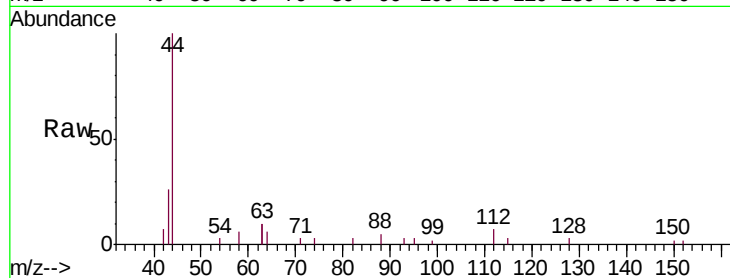
Tgt Ion: 112 Resp: 238

Ion Ratio Lower Upper

112 100

64 90.8 59.8 89.8#

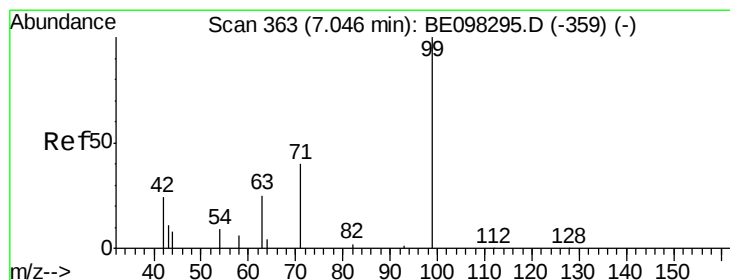
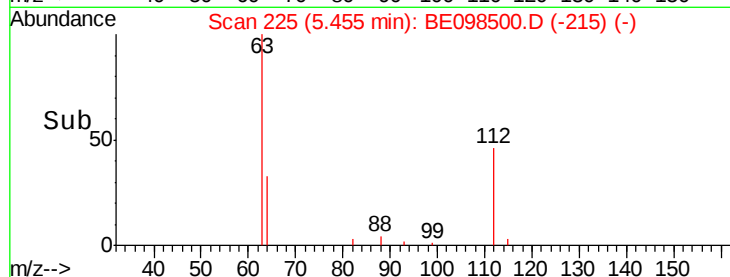
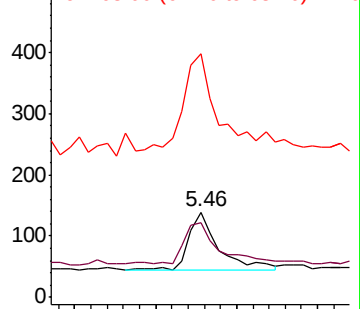
63 199.6 133.7 200.5



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: 0.094 ng

RT: 7.04 min Scan# 363

Delta R.T. -0.00 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

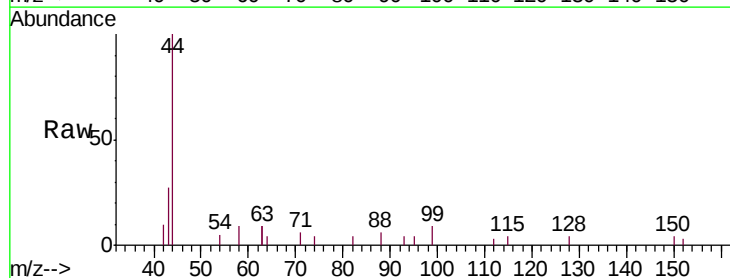
Tgt Ion: 99 Resp: 243

Ion Ratio Lower Upper

99 100

42 62.1 26.3 39.5#

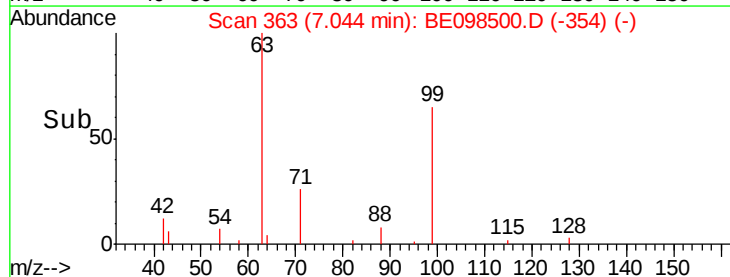
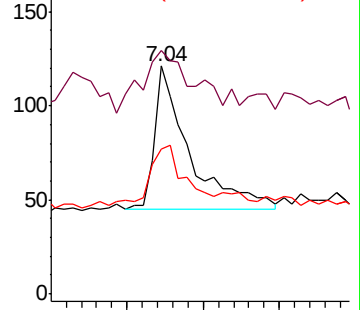
71 41.2 33.6 50.4

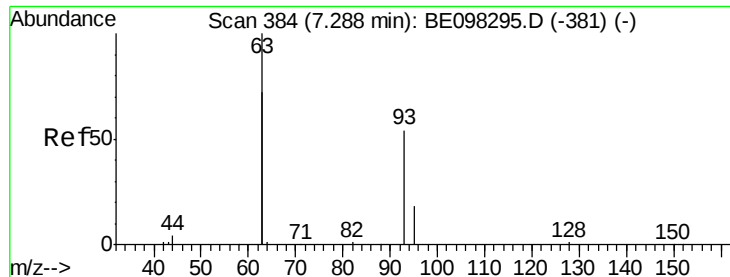


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

bis(2-Chloroethyl)ether

Concen: 0.034 ng

RT: 7.29 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212DL

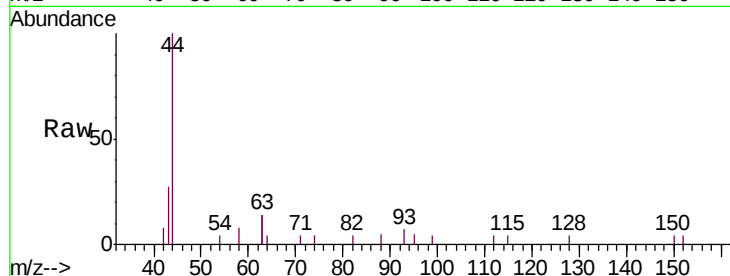
Tgt Ion: 93 Resp: 82

Ion Ratio Lower Upper

93 100

63 400.0 264.4 396.6#

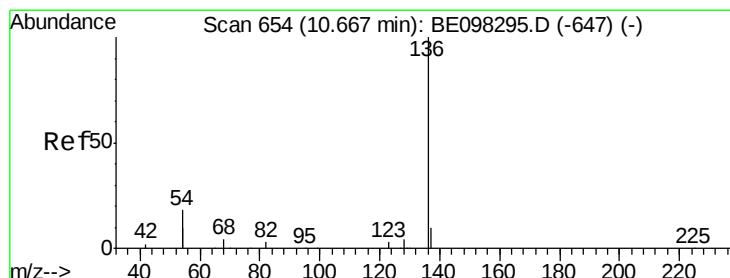
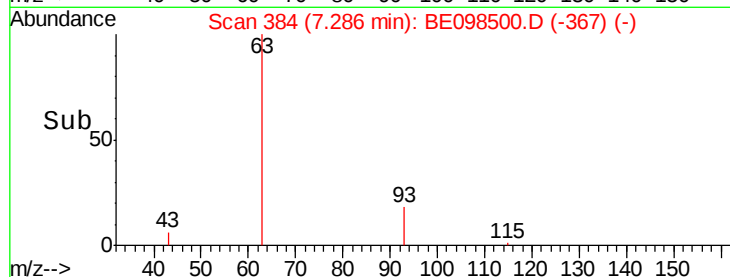
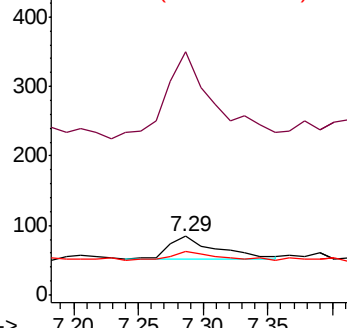
95 36.6 26.6 40.0



Abundance Ion 93.00 (92.70 to 93.70): BE0

Ion 63.00 (62.70 to 63.70): BE0

Ion 95.00 (94.70 to 95.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

Tgt Ion: 136 Resp: 3286

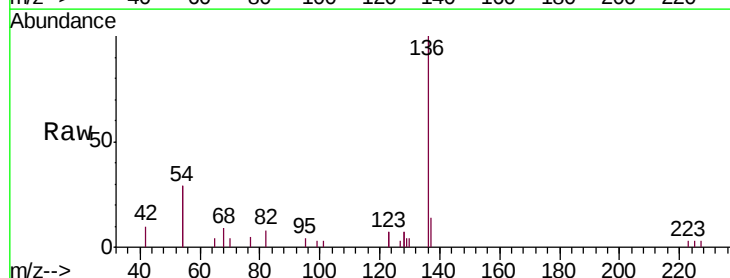
Ion Ratio Lower Upper

136 100

137 13.6 9.2 13.8

54 58.0 28.4 42.6#

68 9.1 5.4 8.0#

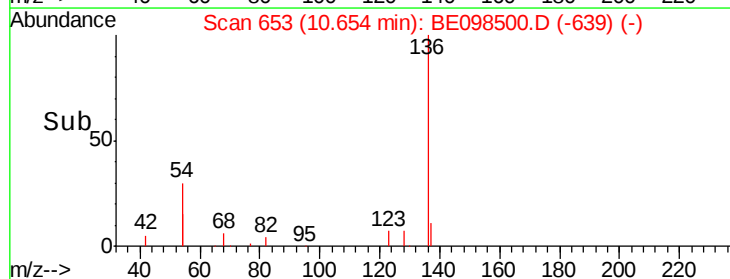
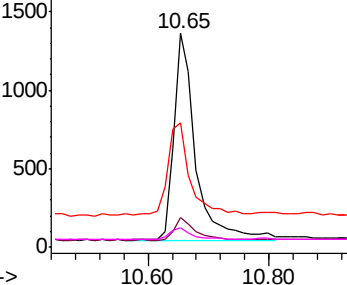


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.317 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212DL

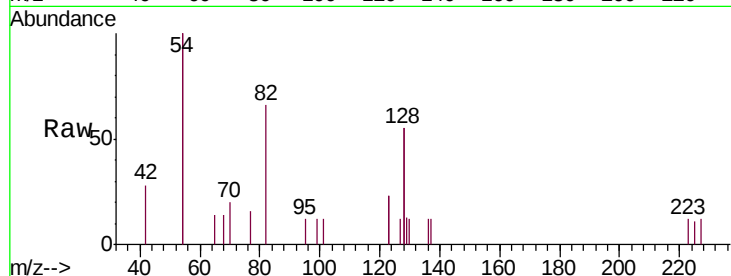
Tgt Ion: 82 Resp: 948

Ion Ratio Lower Upper

82 100

128 166.2 102.4 153.6#

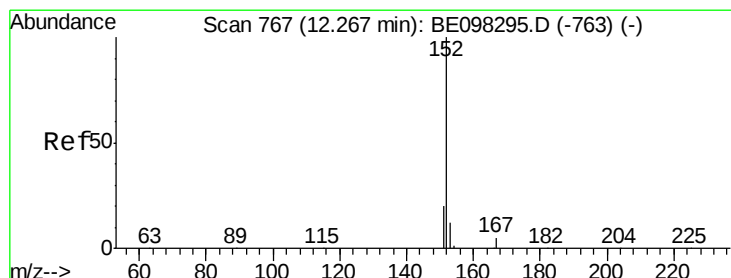
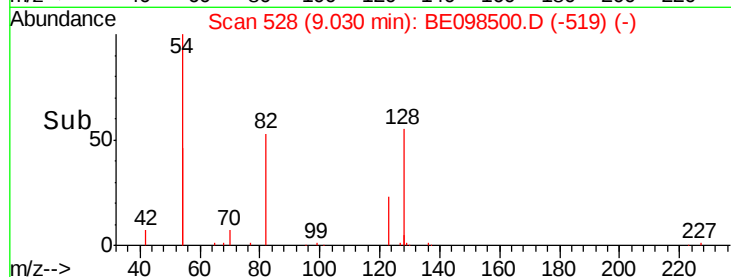
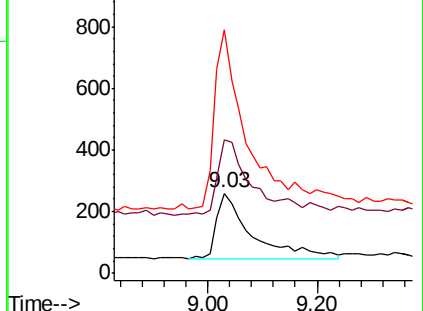
54 303.8 221.8 332.8



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: 0.198 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098500.D

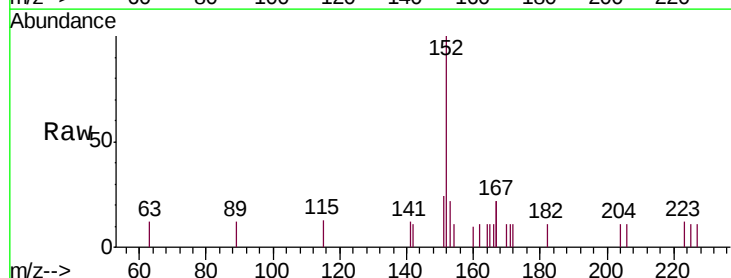
Acq: 16 Dec 2018 9:53

Tgt Ion: 152 Resp: 1059

Ion Ratio Lower Upper

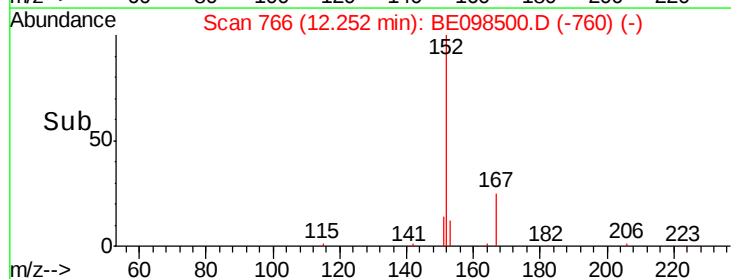
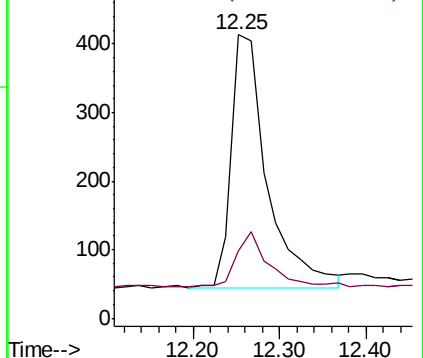
152 100

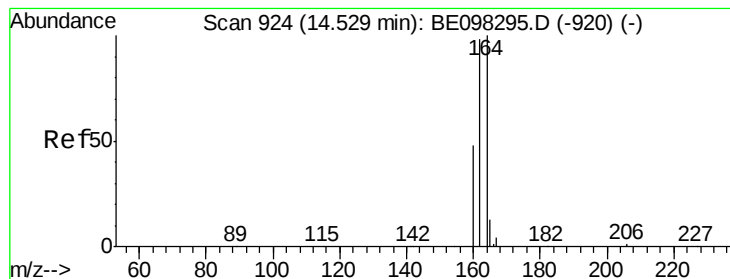
151 19.7 16.2 24.4



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: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212DL

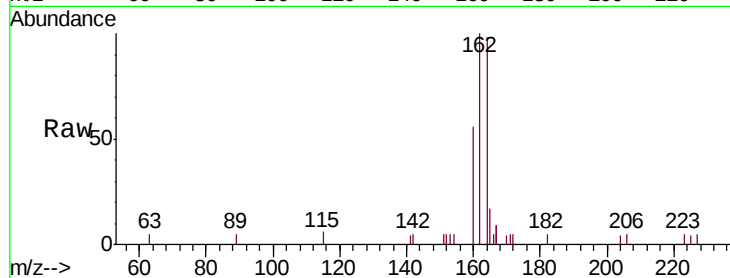
Tgt Ion:164 Resp: 2026

Ion Ratio Lower Upper

164 100

162 101.9 77.6 116.4

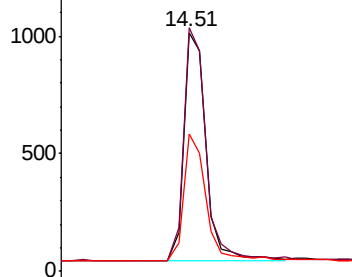
160 57.4 36.0 54.0#



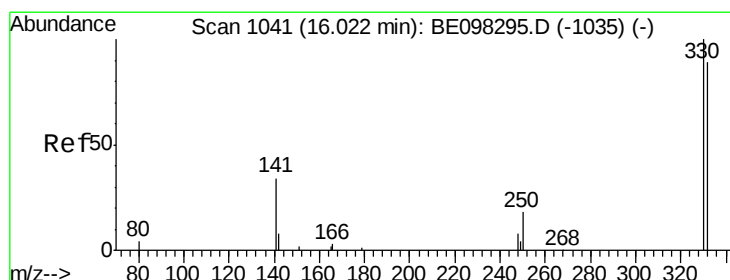
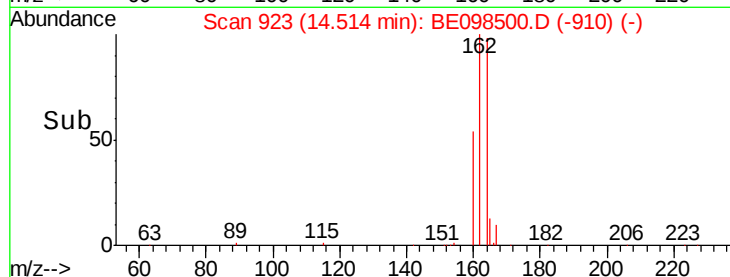
Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#14

2,4,6-Tribromophenol

Concen: 0.269 ng

RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

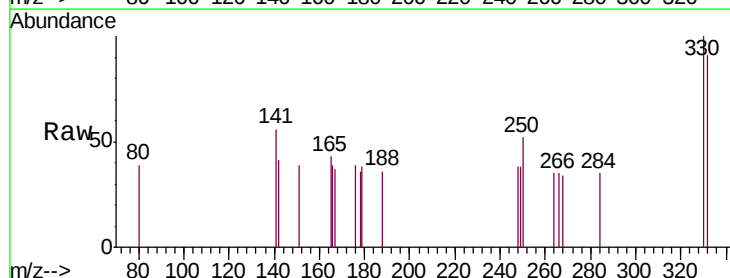
Tgt Ion:330 Resp: 200

Ion Ratio Lower Upper

330 100

332 92.0 76.2 114.4

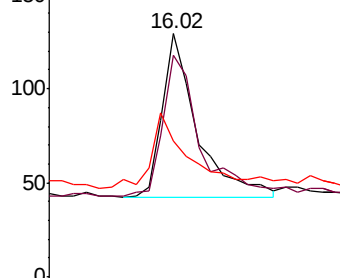
141 55.5 39.0 58.4



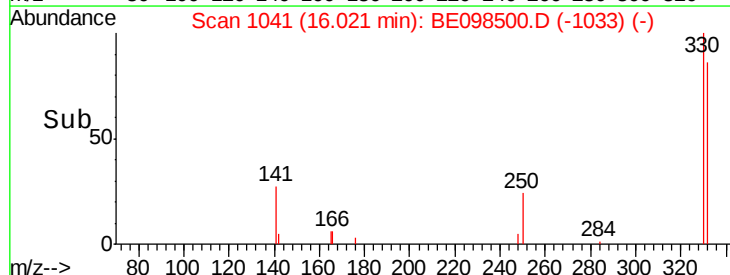
Abundance Ion 330.00 (329.70 to 330.70): E

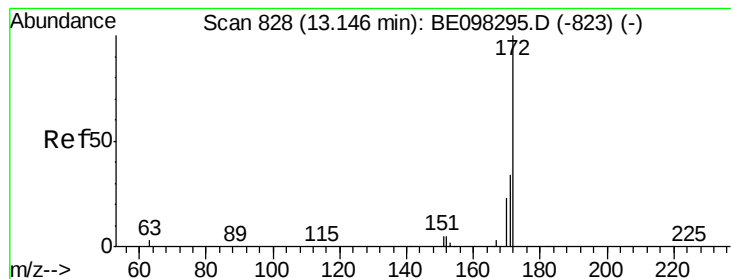
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#15

2-Fluorobiphenyl

Concen: 0.319 ng

RT: 13.15 min Scan# 828

Delta R.T. -0.00 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212DL

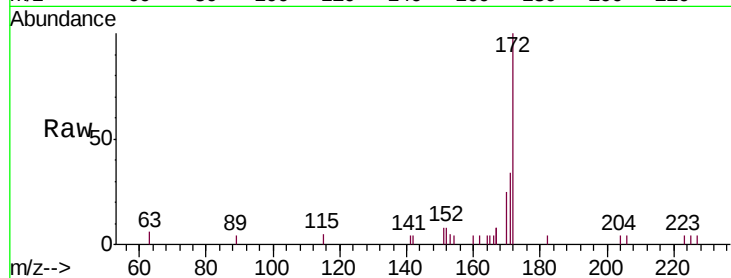
Tgt Ion:172 Resp: 2723

Ion Ratio Lower Upper

172 100

171 33.5 27.5 41.3

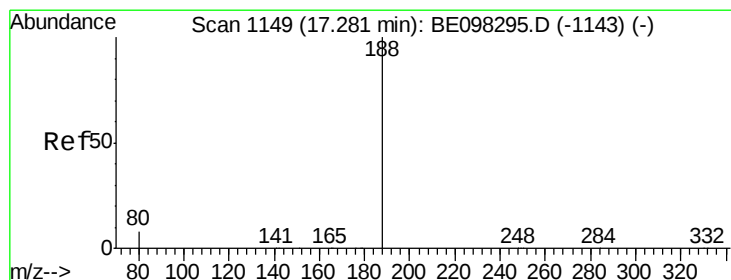
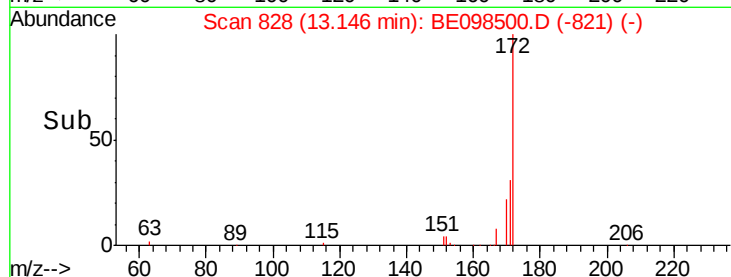
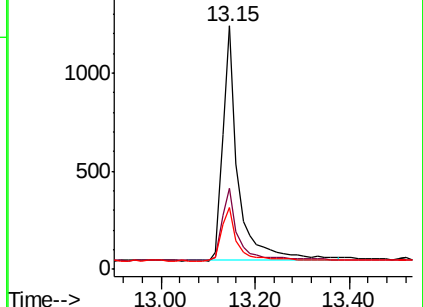
170 25.3 19.6 29.4



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: BE098500.D

Acq: 16 Dec 2018 9:53

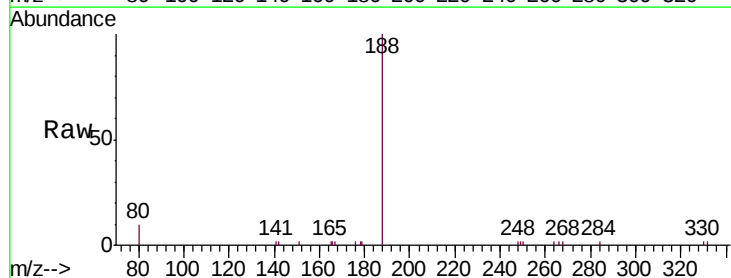
Tgt Ion:188 Resp: 5318

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

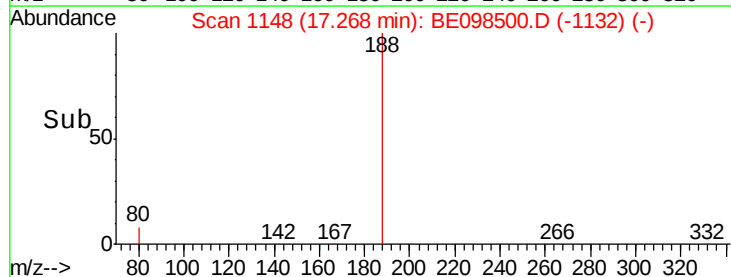
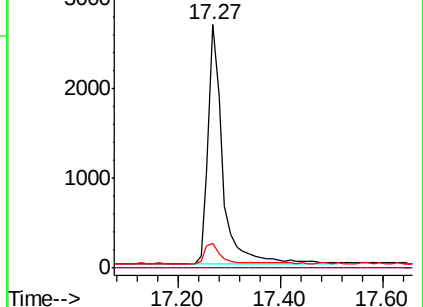
80 10.0 7.2 10.8

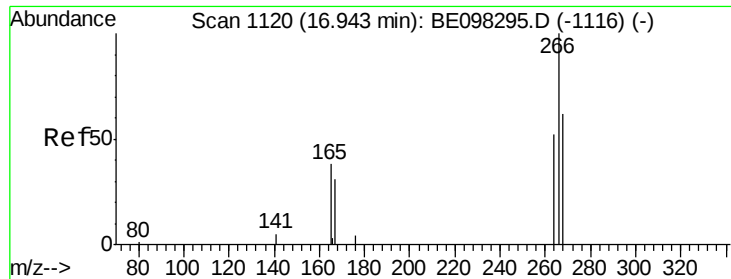


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

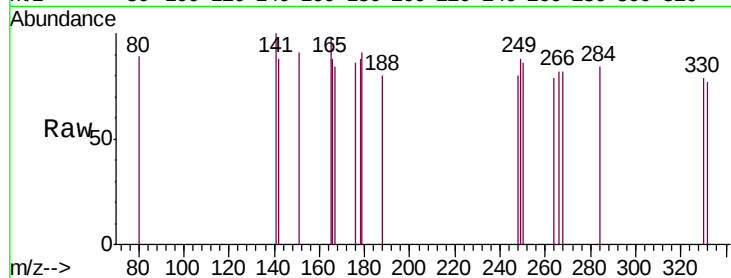




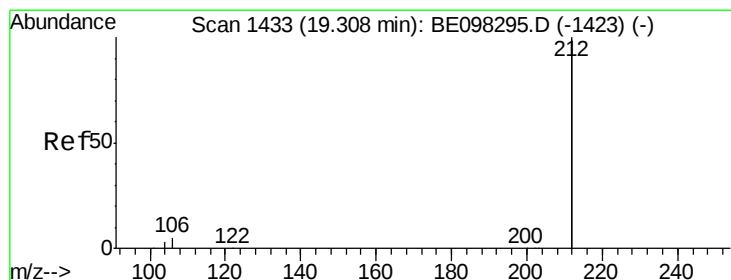
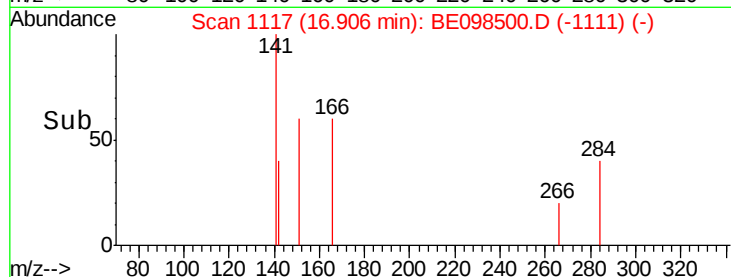
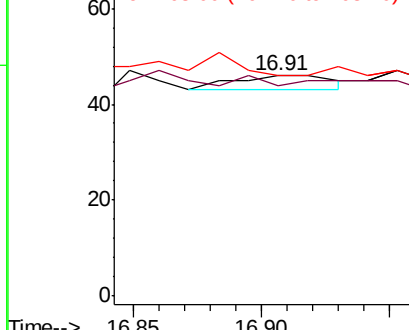
#22
 Pentachlorophenol
 Concen: 0.033 ng
 RT: 16.91 min Scan# 1117
 Delta R.T. -0.04 min
 Lab File: BE098500.D
 Acq: 16 Dec 2018 9:53

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20181212DL

Tgt Ion: 266 Resp: 8
 Ion Ratio Lower Upper
 266 100
 264 95.7 59.0 88.4#
 268 100.0 55.1 82.7#

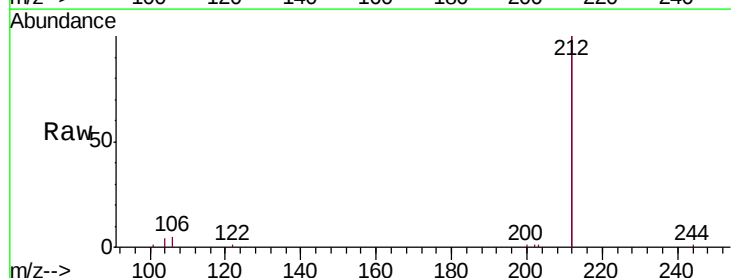


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

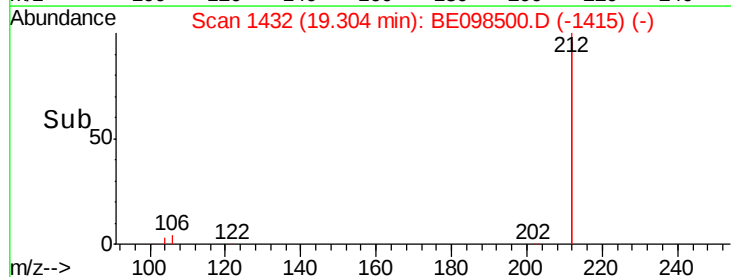
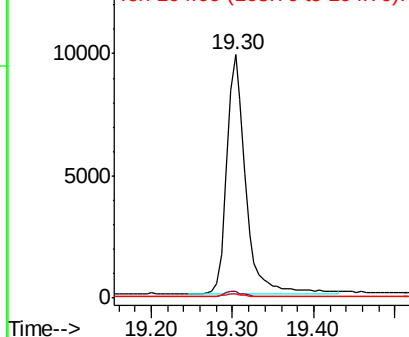


#25
 Fluoranthene-d10
 Concen: 0.231 ng
 RT: 19.30 min Scan# 1432
 Delta R.T. -0.00 min
 Lab File: BE098500.D
 Acq: 16 Dec 2018 9:53

Tgt Ion: 212 Resp: 15726
 Ion Ratio Lower Upper
 212 100
 106 2.3 2.2 3.2
 104 1.3 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: BE098500.D

Acq: 16 Dec 2018 9:53

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212DL

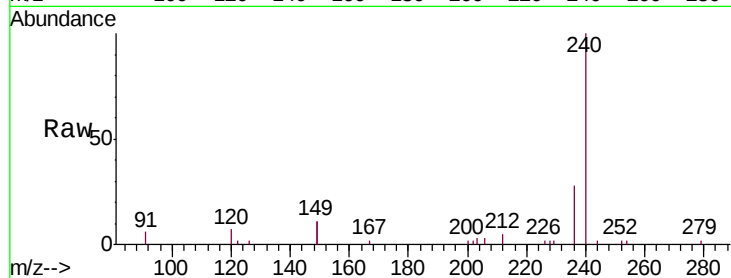
Tgt Ion:240 Resp: 6512

Ion Ratio Lower Upper

240 100

120 7.1 9.5 14.3#

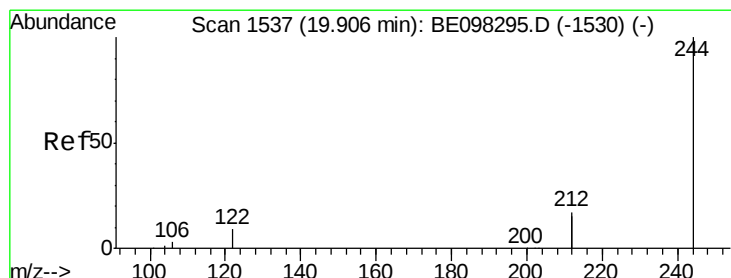
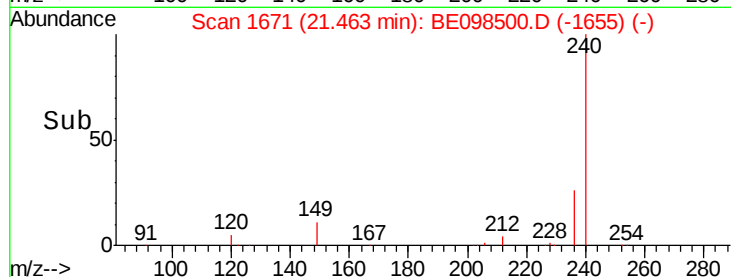
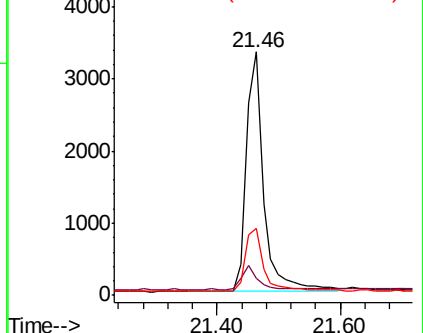
236 27.5 22.7 34.1



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: 0.262 ng

RT: 19.90 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

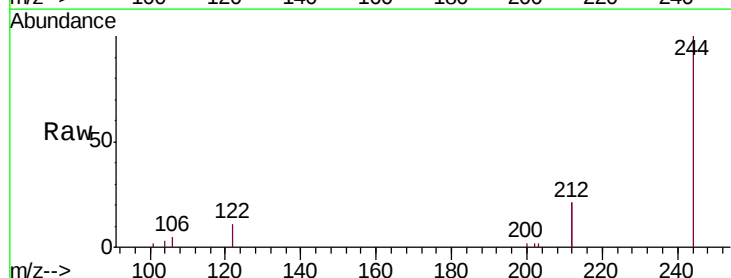
Tgt Ion:244 Resp: 4151

Ion Ratio Lower Upper

244 100

212 42.1 27.4 41.0#

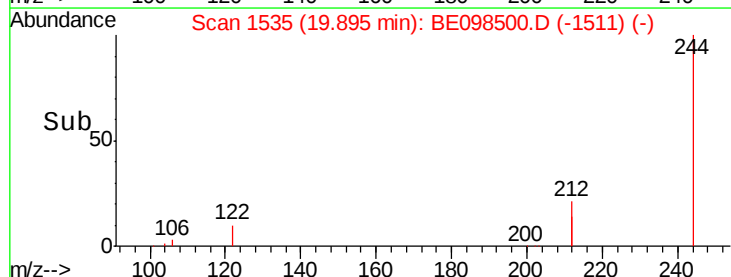
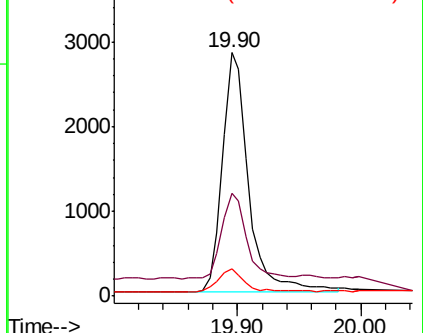
122 11.3 8.3 12.5

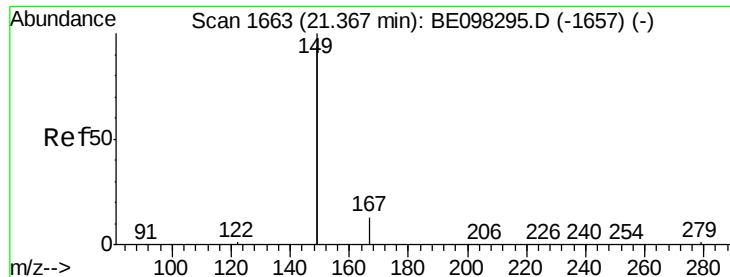


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.041 ng

RT: 21.35 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

Instrument :

BNA_E

ClientSampleId :

TT101D-20181212DL

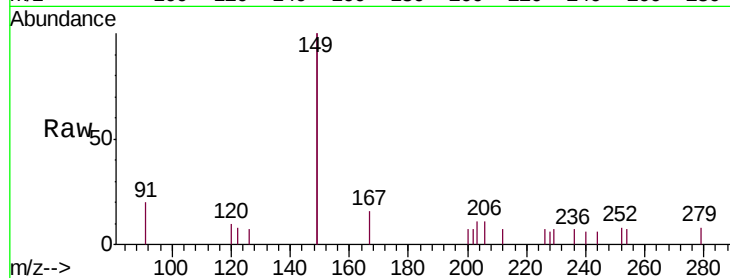
Tgt Ion:149 Resp: 1539

Ion Ratio Lower Upper

149 100

167 6.3 5.7 8.5

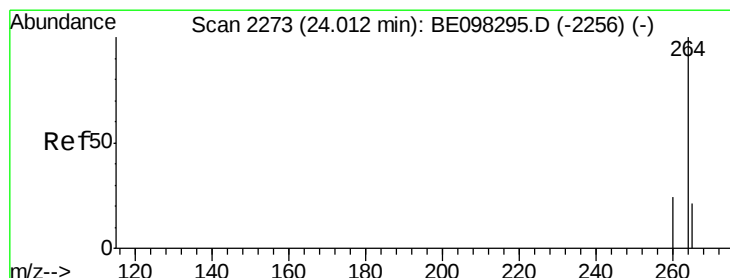
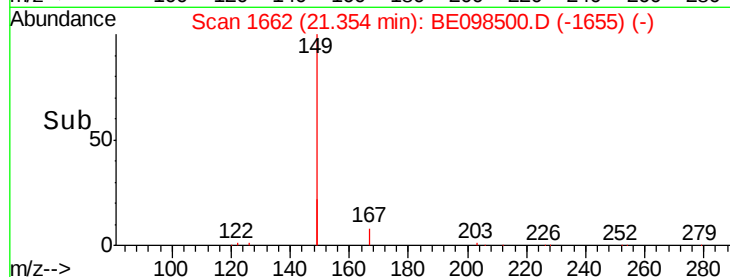
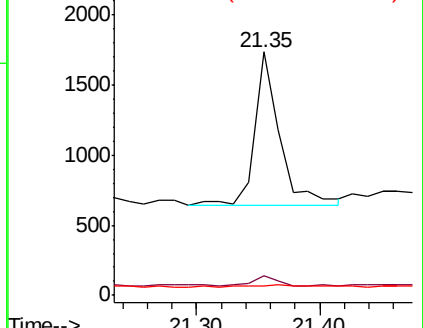
279 1.3 1.0 1.4



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: 24.00 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BE098500.D

Acq: 16 Dec 2018 9:53

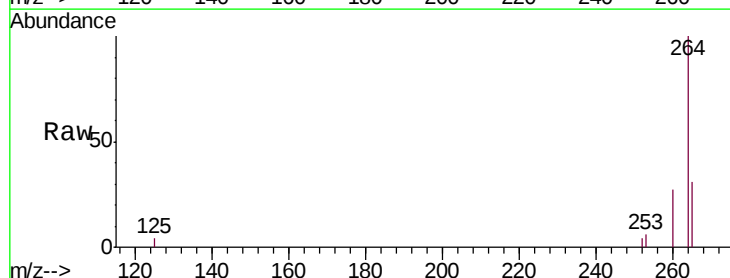
Tgt Ion:264 Resp: 6386

Ion Ratio Lower Upper

264 100

260 27.2 20.2 30.2

265 30.7 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

