

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100070.D
 Acq On : 17 Jun 2019 20:37
 Operator : JU/SJ
 Sample : K3315-08DL 2X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610DL

Quant Time: Jun 18 03:48:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 17:23:36 2019
 Response via : Initial Calibration

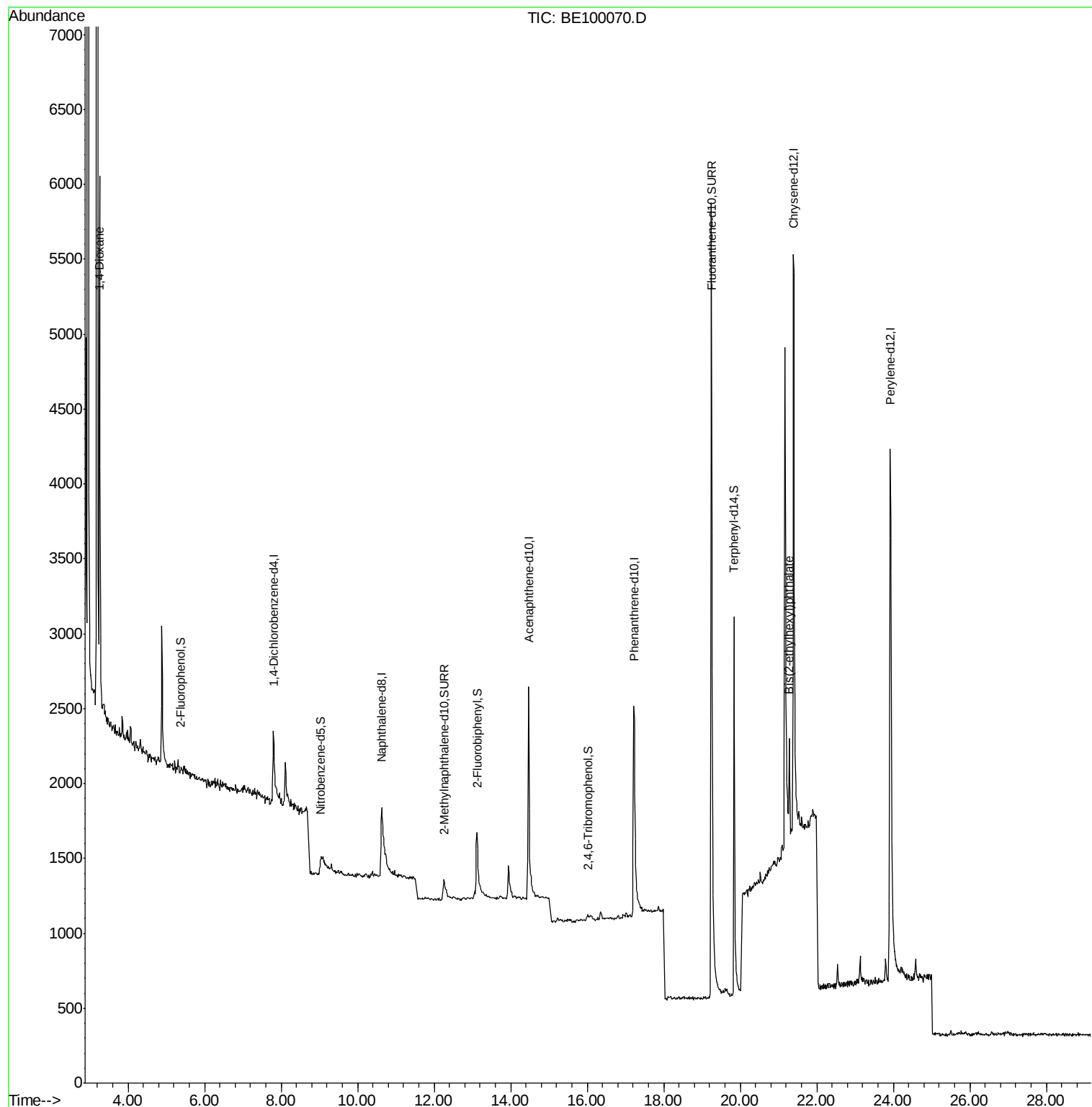
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	486	0.40	ng	0.01
7) Naphthalene-d8	10.63	136	1572	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	1440	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	4412	0.40	ng	0.01
27) Chrysene-d12	21.40	240	6853	0.40	ng	0.01
34) Perylene-d12	23.92	264	8044	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	36	0.03	ng	0.01
5) Phenol-d6	7.01	99	28	0.02	ng	0.05
8) Nitrobenzene-d5	9.04	82	92	0.06	ng	0.08
11) 2-Methylnaphthalene-d10	12.25	152	564	0.20	ng	0.04
14) 2,4,6-Tribromophenol	16.01	330	88	0.10	ng	0.04
15) 2-Fluorobiphenyl	13.12	172	1134	0.20	ng	0.03
25) Fluoranthene-d10	19.25	212	12034	0.19	ng	0.00
29) Terphenyl-d14	19.84	244	3392	0.29	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.25	88	2772	3.269	ng	# 94
32) Bis(2-ethylhexyl)phthalate	21.28	149	1058	0.039	ng	# 97

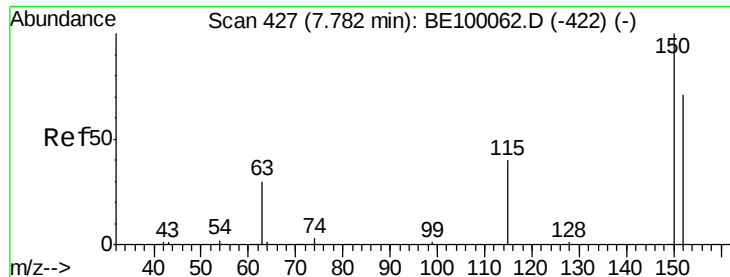
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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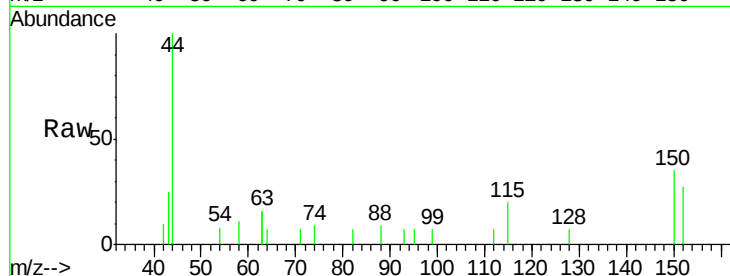


#1

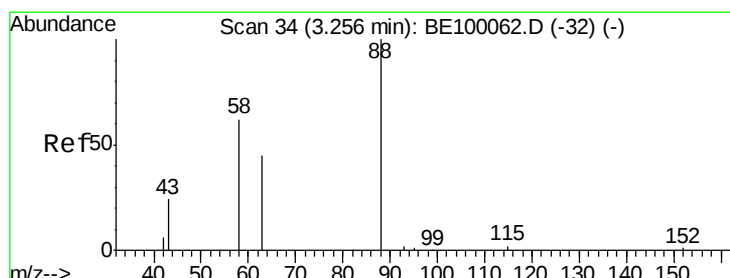
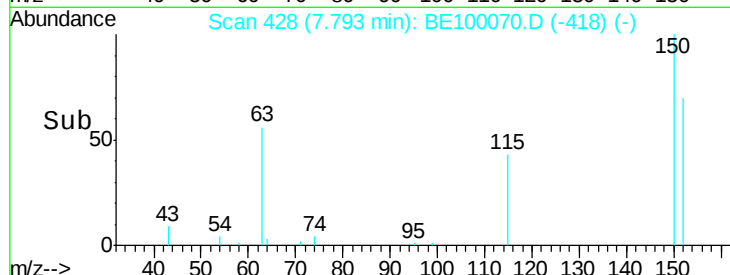
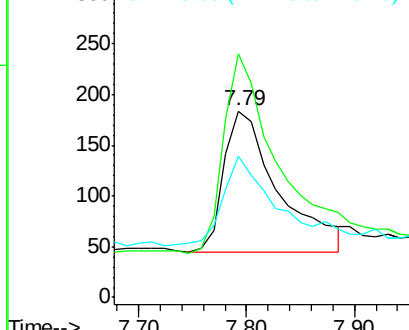
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.01 min
Lab File: BE100070.D
Acq: 17 Jun 2019 20:37

Instrument :
BNA_E
ClientSampleId :
TT101D-20190610DL

Tot Ion:152 Resp: 486
Ion Ratio Lower Upper
152 100
150 130.4 109.5 164.3
115 75.5 52.6 78.8



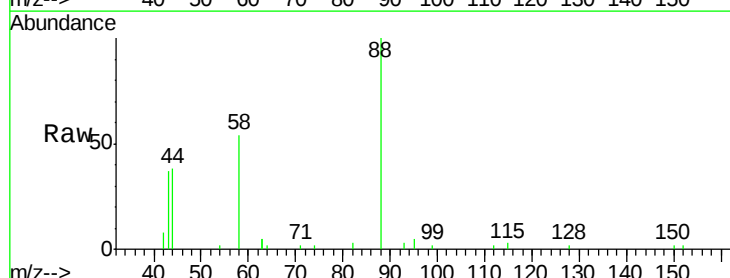
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



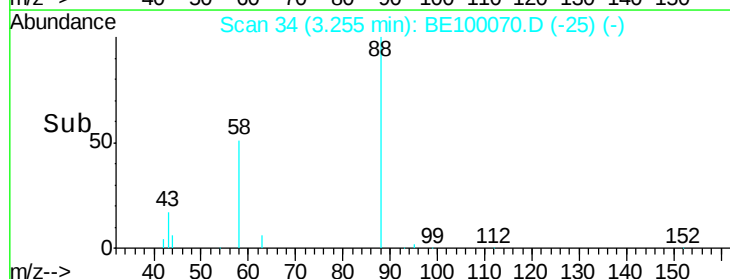
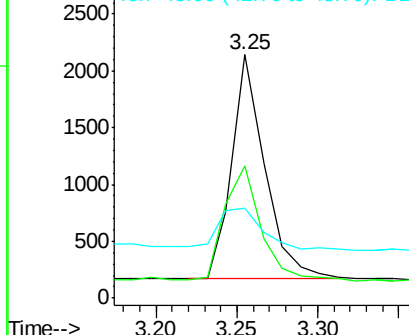
#2

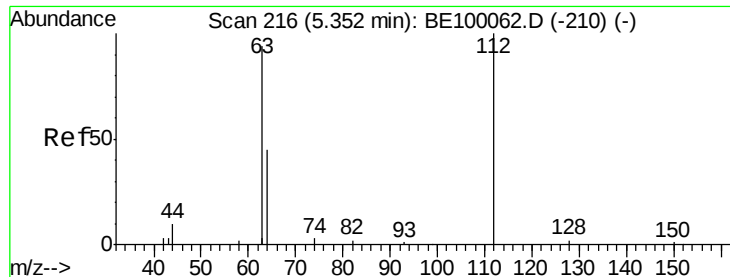
1,4-Dioxane
Concen: 3.269 ng
RT: 3.25 min Scan# 34
Delta R.T. -0.00 min
Lab File: BE100070.D
Acq: 17 Jun 2019 20:37

Tgt Ion: 88 Resp: 2772
Ion Ratio Lower Upper
88 100
58 54.7 41.9 62.9
43 25.3 15.8 23.8#



Abundance Ion 88.00 (87.70 to 88.70): BE1
Ion 58.00 (57.70 to 58.70): BE1
Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.027 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100070.D

Acq: 17 Jun 2019 20:37

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610DL

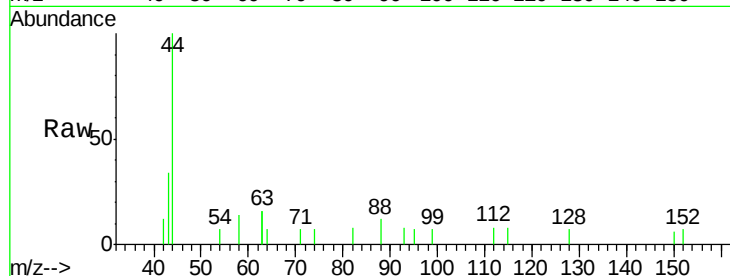
Tot Ion:112 Resp: 36

Ion Ratio Lower Upper

112 100

64 25.0 39.6 59.4#

63 0.0 113.0 169.4#



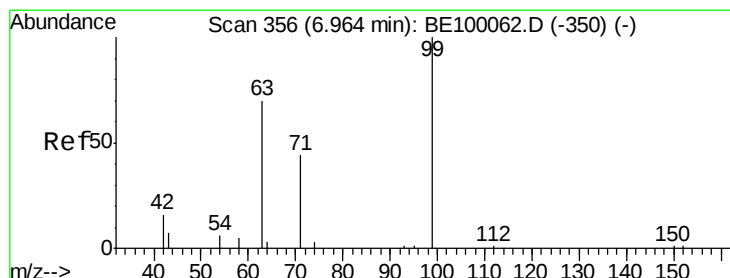
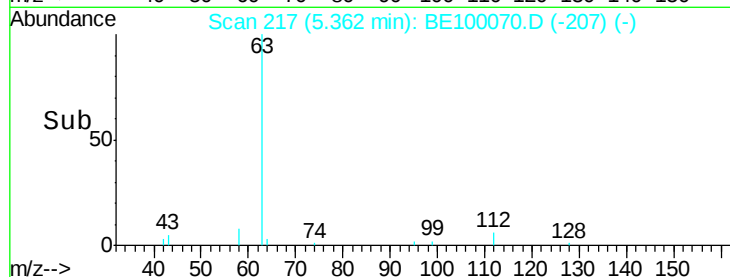
Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->

5.25 5.30 5.35 5.40 5.45



#5

Phenol-d6

Concen: 0.018 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.05 min

Lab File: BE100070.D

Acq: 17 Jun 2019 20:37

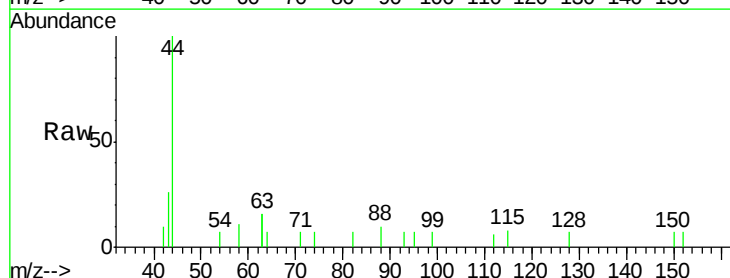
Tgt Ion: 99 Resp: 28

Ion Ratio Lower Upper

99 100

42 0.0 11.4 17.2#

71 0.0 32.8 49.2#



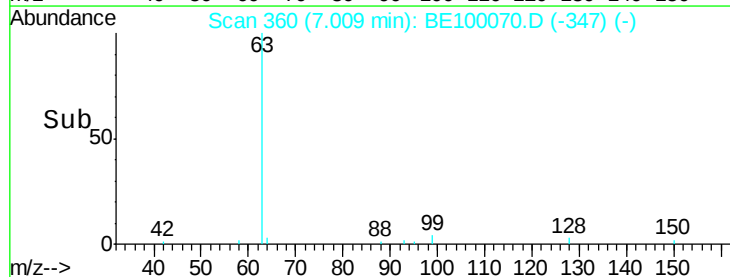
Abundance Ion 99.00 (98.70 to 99.70): BE1

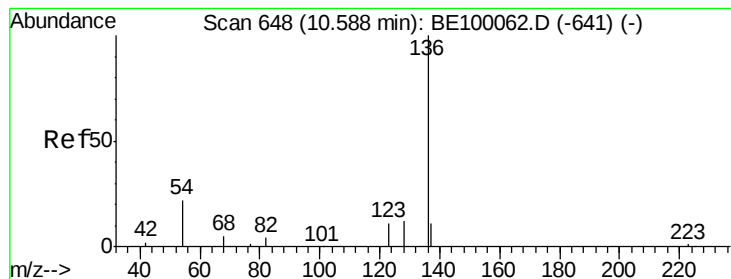
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->

6.90 6.95 7.00 7.05





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE100070.D

Acq: 17 Jun 2019 20:37

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610DL

Tot Ion:136 Resp: 1572

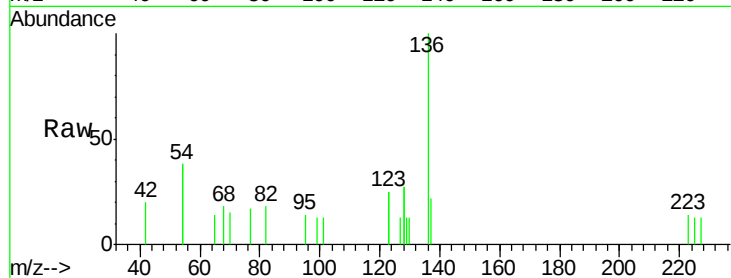
Ion Ratio Lower Upper

136 100

137 22.0 12.6 19.0#

54 75.1 33.0 49.6#

68 17.8 8.6 12.8#

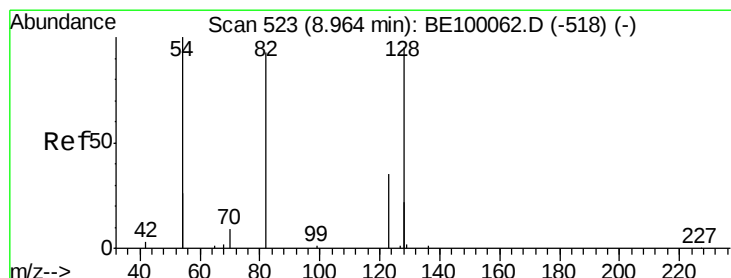
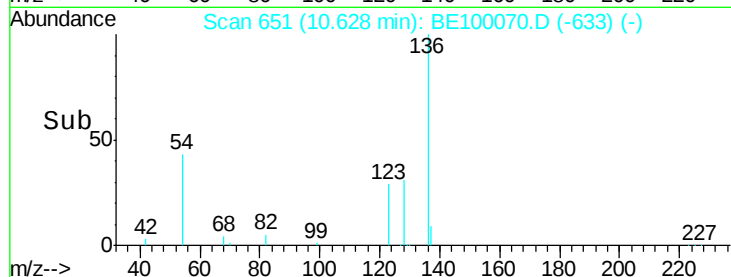
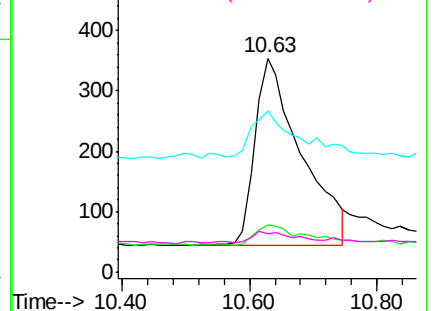


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.059 ng

RT: 9.04 min Scan# 529

Delta R.T. 0.08 min

Lab File: BE100070.D

Acq: 17 Jun 2019 20:37

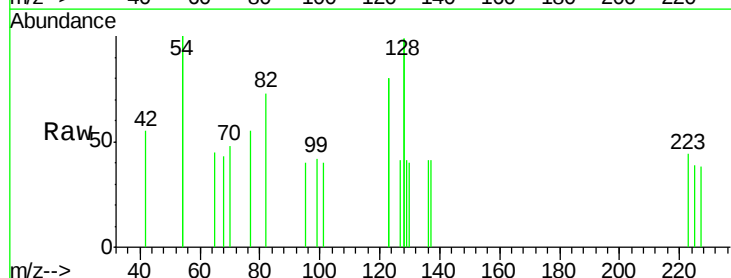
Tgt Ion: 82 Resp: 92

Ion Ratio Lower Upper

82 100

128 269.9 134.6 201.8#

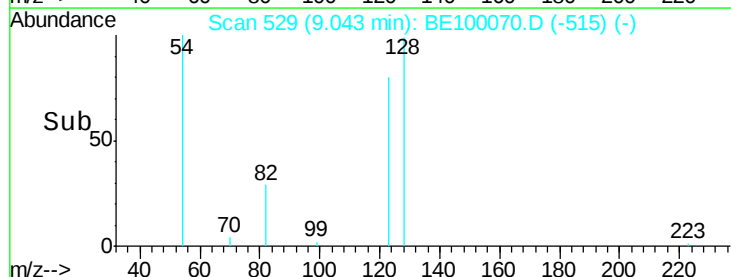
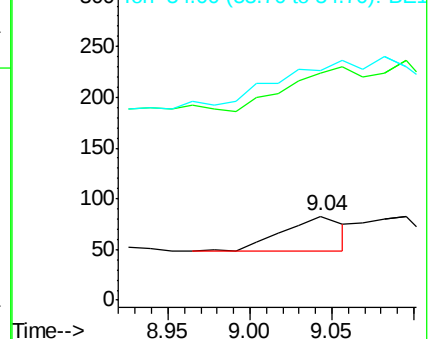
54 272.3 141.6 212.4#

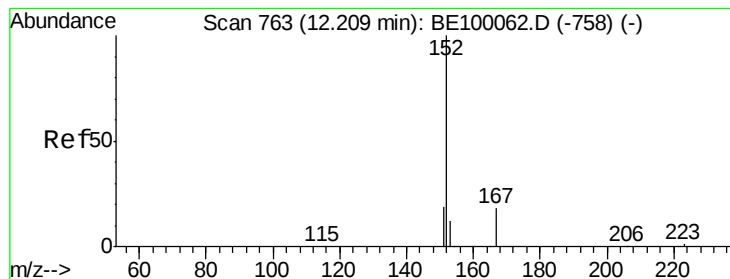


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.199 ng

RT: 12.25 min Scan# 766

Delta R.T. 0.04 min

Lab File: BE100070.D

Acq: 17 Jun 2019 20:37

Instrument :

BNA_E

ClientSampleId :

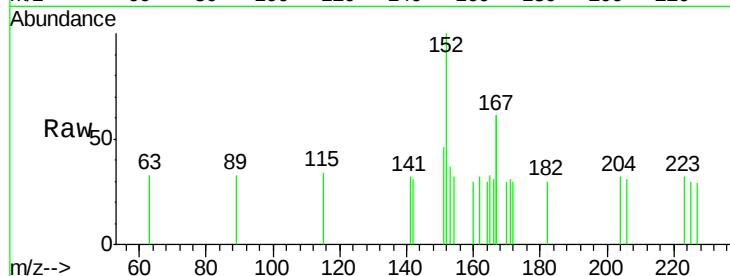
TT101D-20190610DL

Tot Ion:152 Resp: 564

Ion Ratio Lower Upper

152 100

151 16.7 15.4 23.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

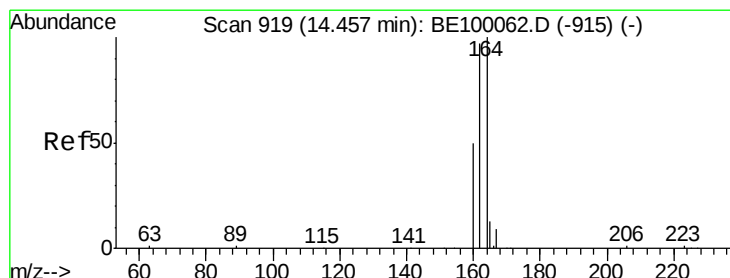
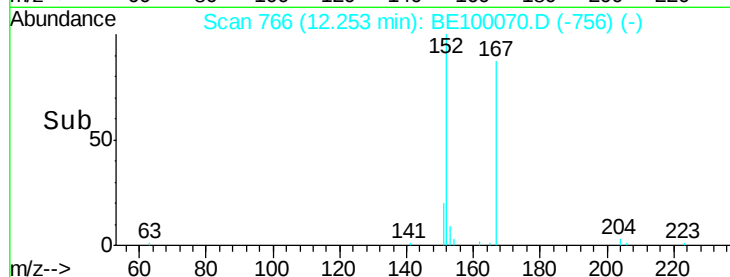
12.25

100

50

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE100070.D

Acq: 17 Jun 2019 20:37

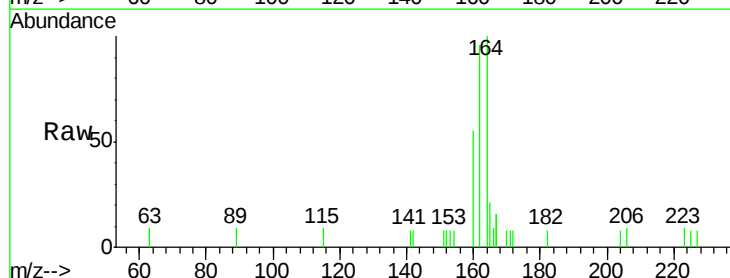
Tgt Ion:164 Resp: 1440

Ion Ratio Lower Upper

164 100

162 96.0 77.6 116.4

160 55.3 41.7 62.5



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

14.47

800

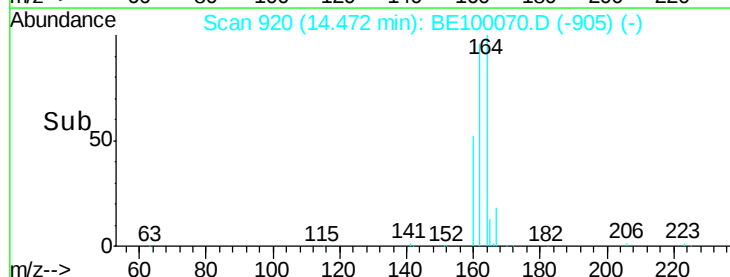
600

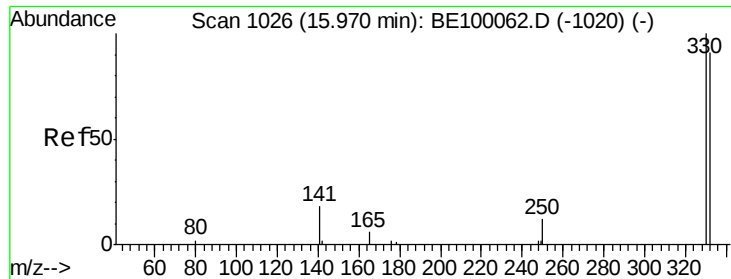
400

200

0

Time-->

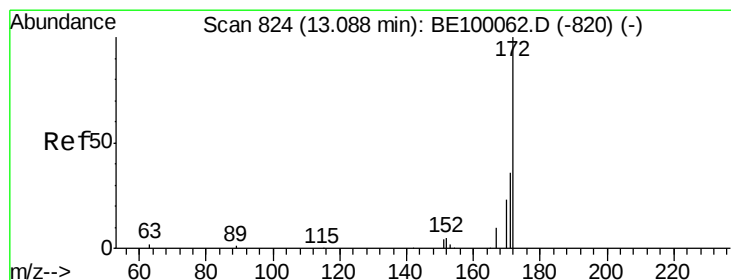
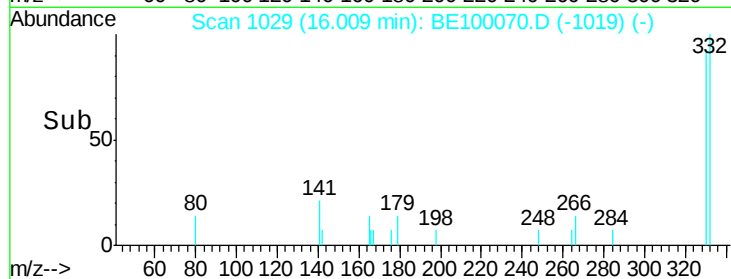
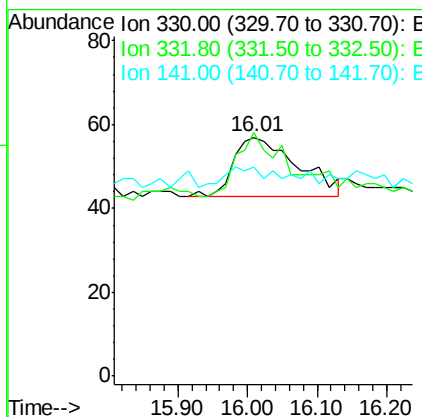
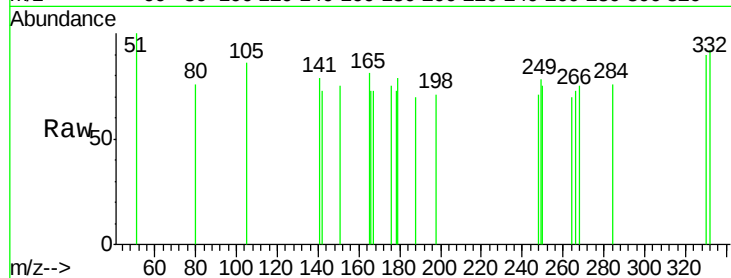




#14
 2,4,6-Tribromophenol
 Concen: 0.100 ng
 RT: 16.01 min Scan# 1029
 Delta R.T. 0.04 min
 Lab File: BE100070.D
 Acq: 17 Jun 2019 20:37

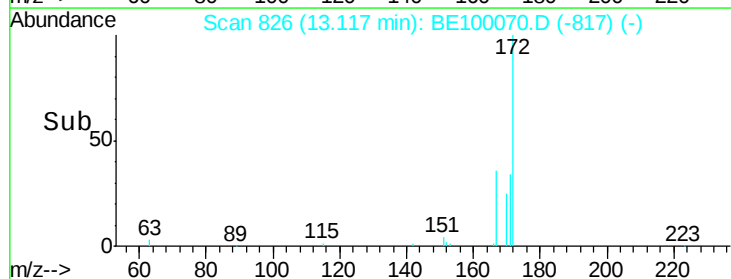
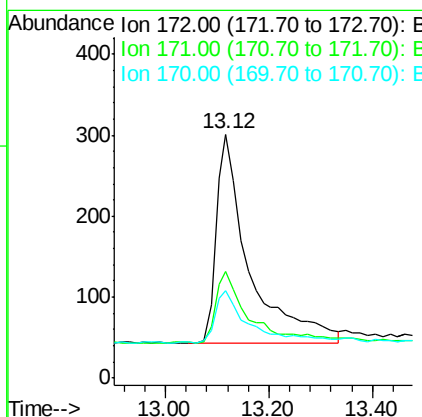
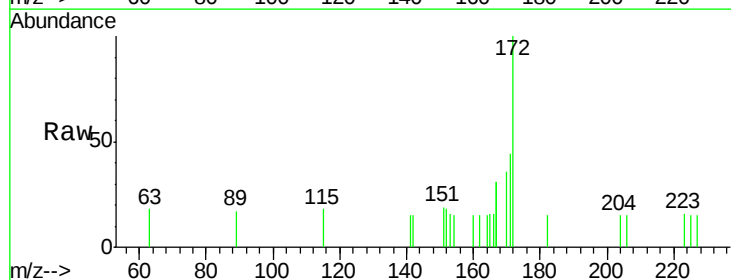
Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610DL

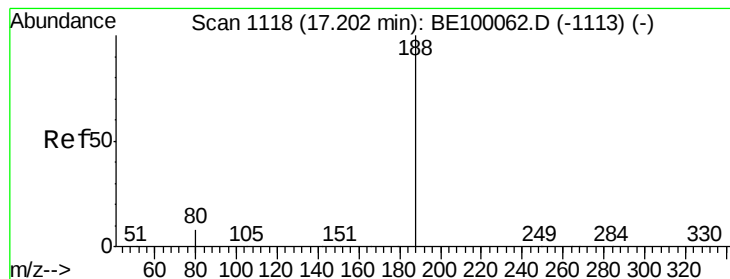
Tot Ion:330 Resp: 88
 Ion Ratio Lower Upper
 330 100
 332 73.9 74.7 112.1#
 141 0.0 20.3 30.5#



#15
 2-Fluorobiphenyl
 Concen: 0.203 ng
 RT: 13.12 min Scan# 826
 Delta R.T. 0.03 min
 Lab File: BE100070.D
 Acq: 17 Jun 2019 20:37

Tgt Ion:172 Resp: 1134
 Ion Ratio Lower Upper
 172 100
 171 43.5 31.0 46.6
 170 35.9 21.3 31.9#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. 0.01 min

Lab File: BE100070.D

Acq: 17 Jun 2019 20:37

Instrument :

BNA_E

ClientSampleId :

TT101D-20190610DL

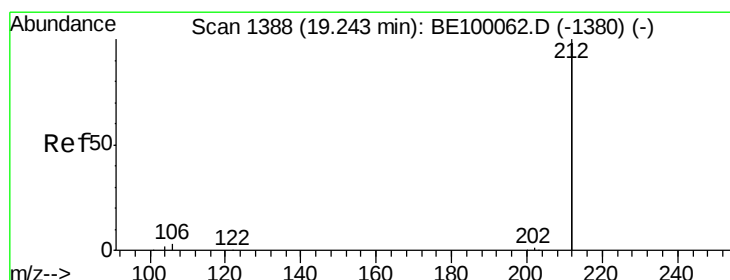
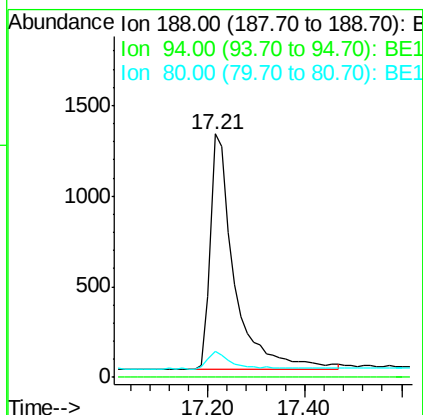
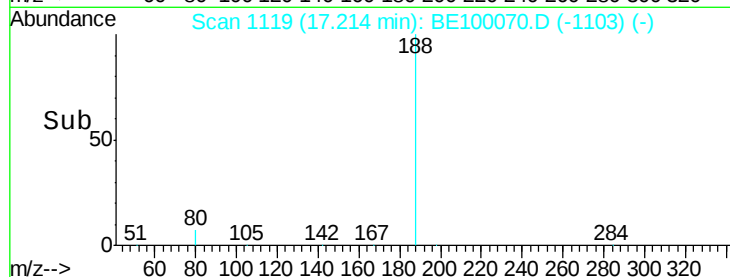
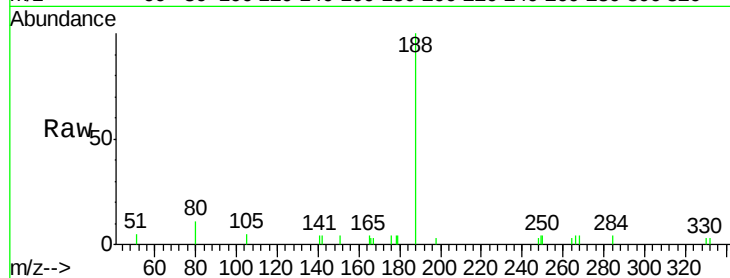
Tot Ion:188 Resp: 4412

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 10.8 8.2 12.4



#25

Fluoranthene-d10

Concen: 0.194 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE100070.D

Acq: 17 Jun 2019 20:37

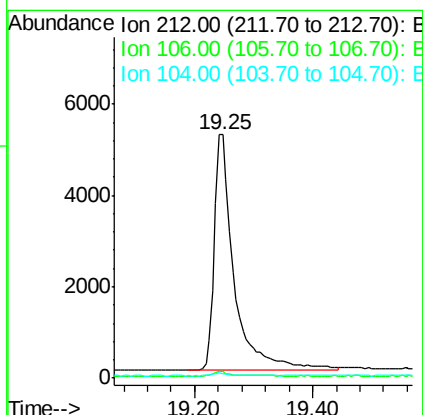
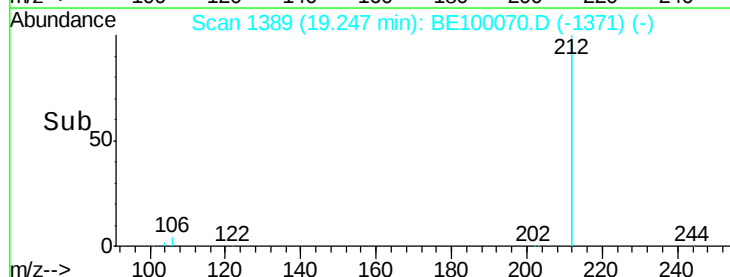
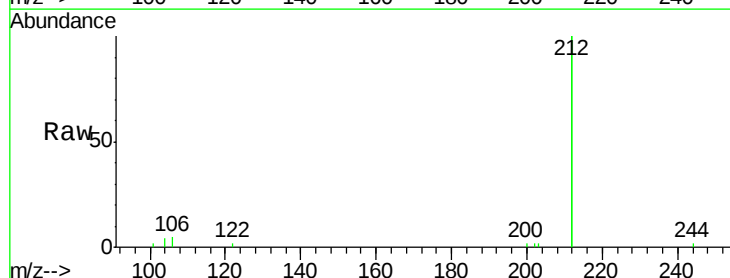
Tgt Ion:212 Resp: 12034

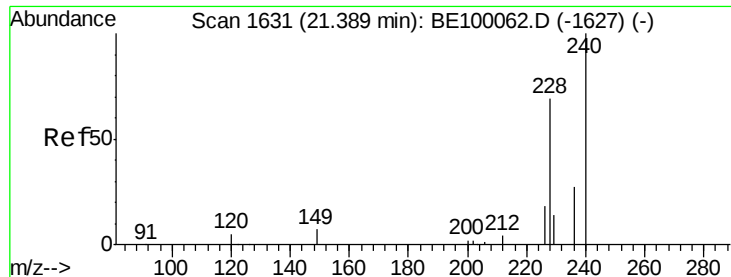
Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

104 1.1 0.9 1.3

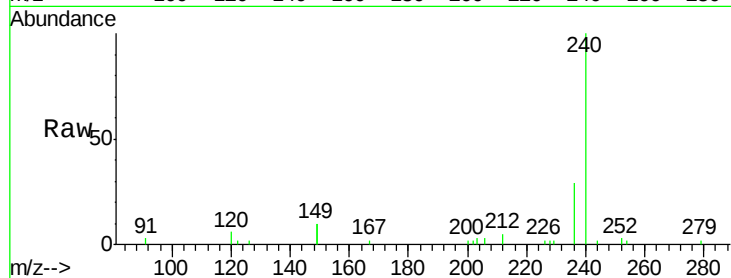




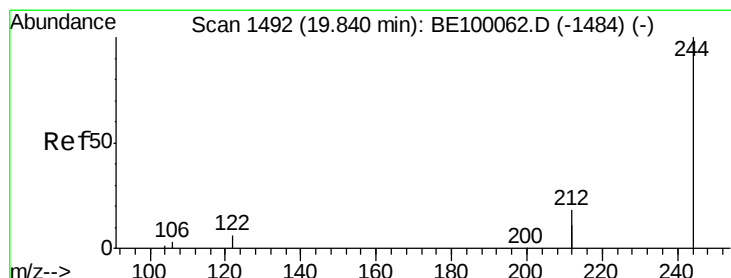
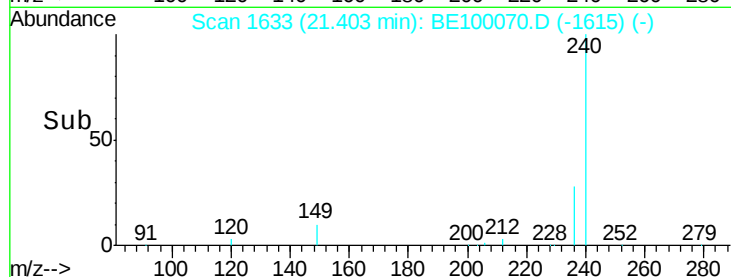
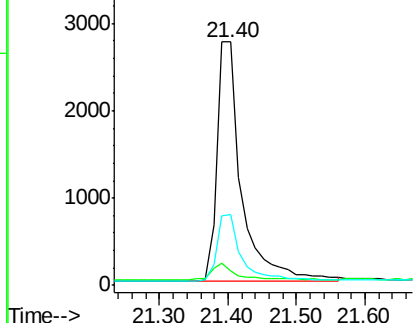
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.40 min Scan# 1633
 Delta R.T. 0.01 min
 Lab File: BE100070.D
 Acq: 17 Jun 2019 20:37

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610DL

Tot Ion:240 Resp: 6853
 Ion Ratio Lower Upper
 240 100
 120 5.9 5.4 8.0
 236 29.0 22.6 33.8

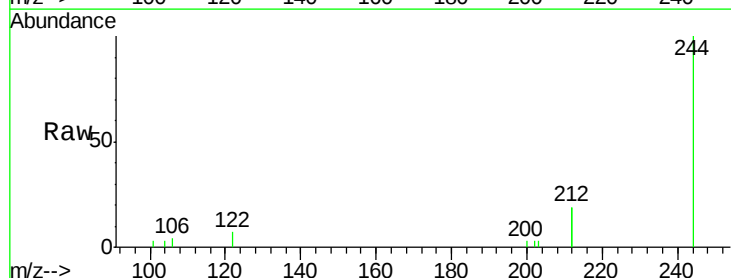


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

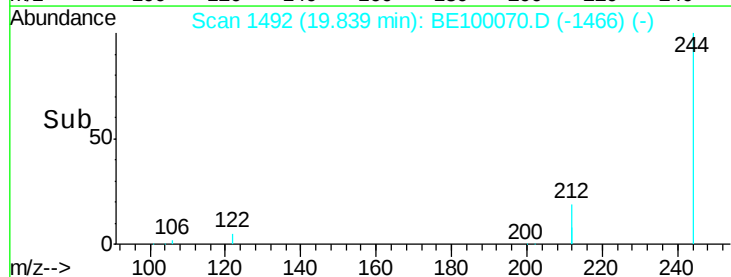
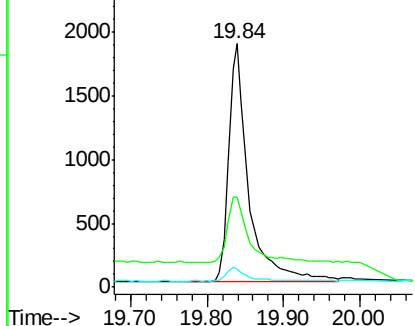


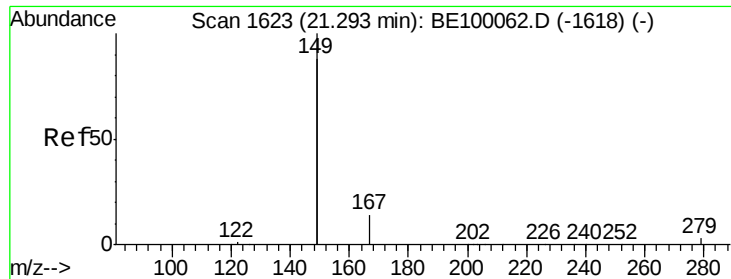
#29
 Terphenyl-d14
 Concen: 0.294 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: BE100070.D
 Acq: 17 Jun 2019 20:37

Tgt Ion:244 Resp: 3392
 Ion Ratio Lower Upper
 244 100
 212 37.0 27.9 41.9
 122 7.3 5.8 8.6



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

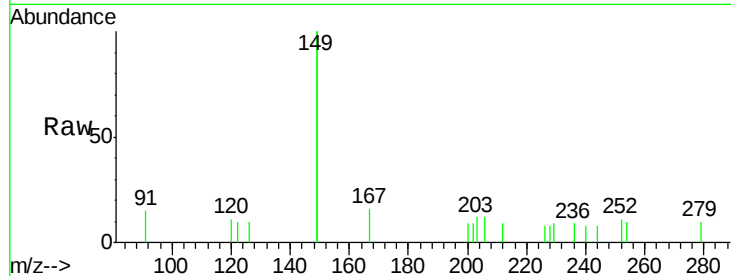




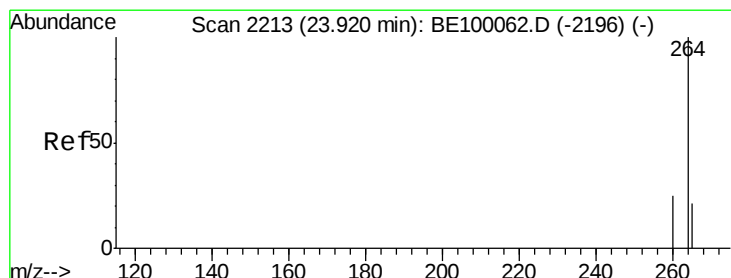
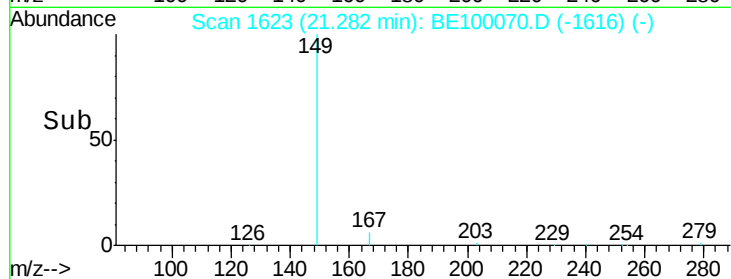
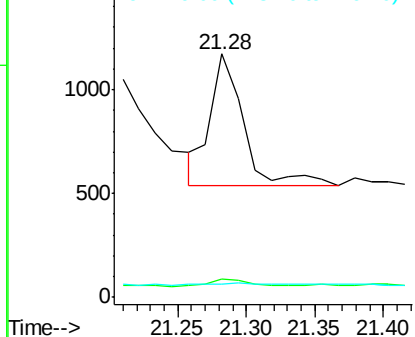
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.039 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE100070.D
 Acq: 17 Jun 2019 20:37

Instrument :
 BNA_E
 ClientSampleId :
 TT101D-20190610DL

Tot Ion:149 Resp: 1058
 Ion Ratio Lower Upper
 149 100
 167 6.3 5.9 8.9
 279 2.1 1.0 1.6#

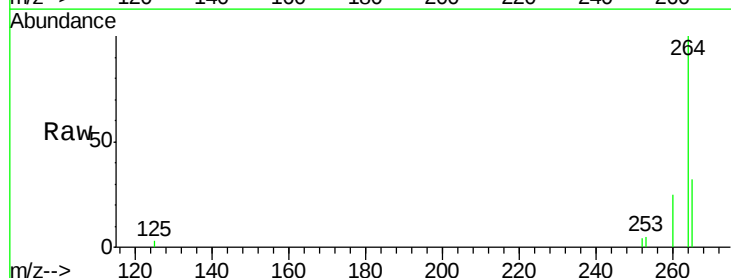


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BE100070.D
 Acq: 17 Jun 2019 20:37

Tgt Ion:264 Resp: 8044
 Ion Ratio Lower Upper
 264 100
 260 25.5 20.6 31.0
 265 32.1 23.6 35.4



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

