

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061719\
 Data File : BE100072.D
 Acq On : 17 Jun 2019 21:48
 Operator : JU/SJ
 Sample : K3315-09DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190610DL

Quant Time: Jun 18 03:56:23 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

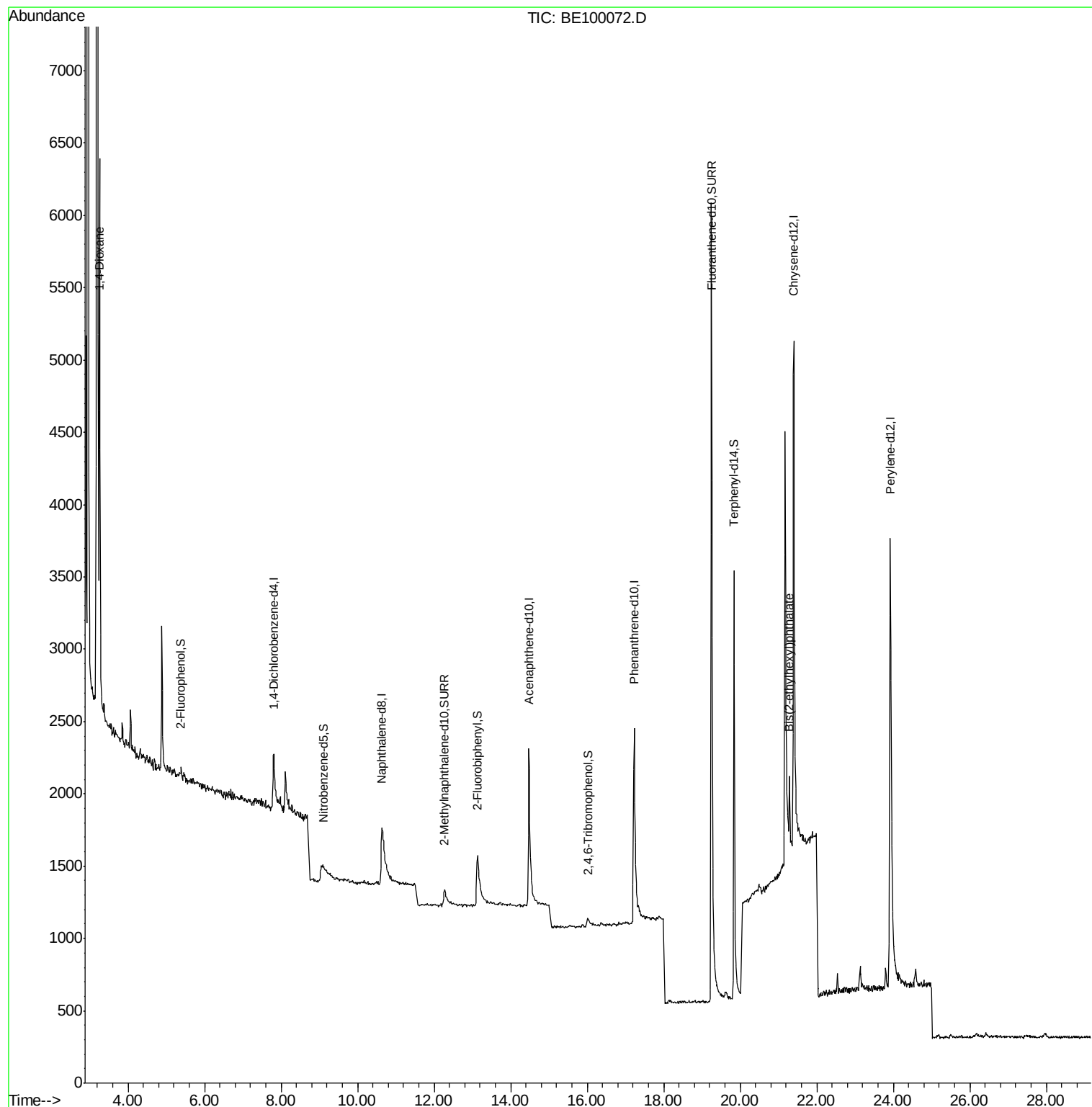
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	462	0.40	ng	0.02
7) Naphthalene-d8	10.63	136	1547	0.40	ng	0.04
13) Acenaphthene-d10	14.47	164	1375	0.40	ng	0.01
19) Phenanthrene-d10	17.23	188	4229	0.40	ng	0.03
27) Chrysene-d12	21.40	240	6506	0.40	ng	0.01
34) Perylene-d12	23.92	264	7416	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.36	112	48	0.04	ng	0.01
5) Phenol-d6	7.00	99	4	0.00	ng	0.03
8) Nitrobenzene-d5	9.11	82	197	0.13	ng	0.14
11) 2-Methylnaphthalene-d10	12.27	152	555	0.20	ng	0.06
14) 2,4,6-Tribromophenol	16.01	330	130	0.15	ng	0.04
15) 2-Fluorobiphenyl	13.13	172	1221	0.23	ng	0.04
25) Fluoranthene-d10	19.25	212	12456	0.21	ng	0.00
29) Terphenyl-d14	19.84	244	3967	0.36	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.26	88	2997	3.718	ng	# 92
32) Bis(2-ethylhexyl)phthalate	21.28	149	800	0.031	ng	# 97

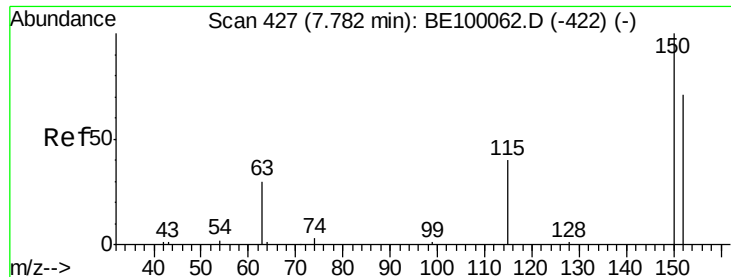
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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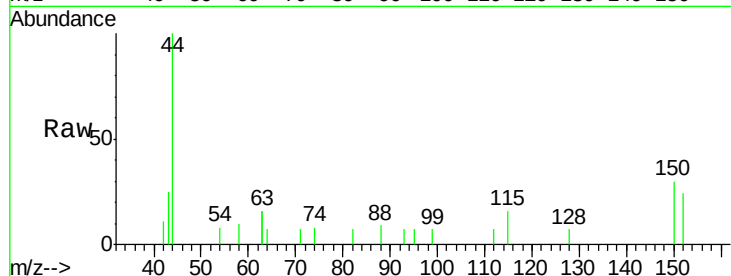


#1

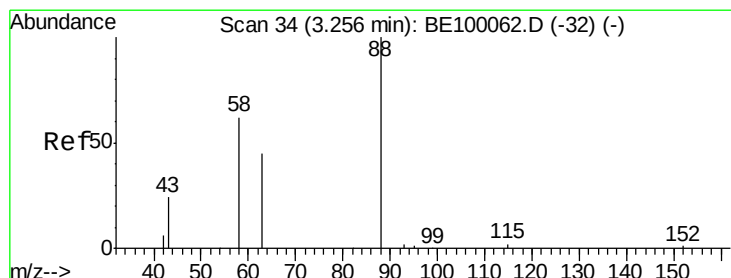
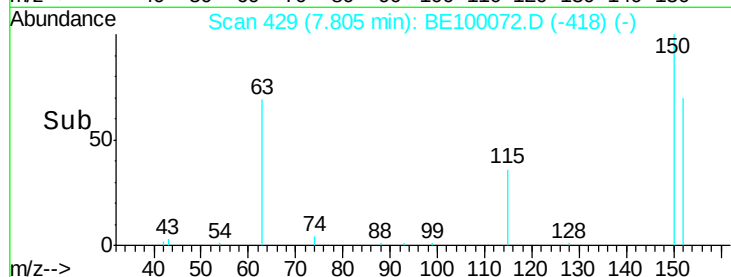
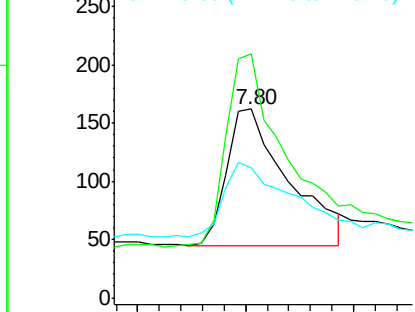
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.02 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

Tot Ion:152 Resp: 462
Ion Ratio Lower Upper
152 100
150 129.0 109.5 164.3
115 69.1 52.6 78.8



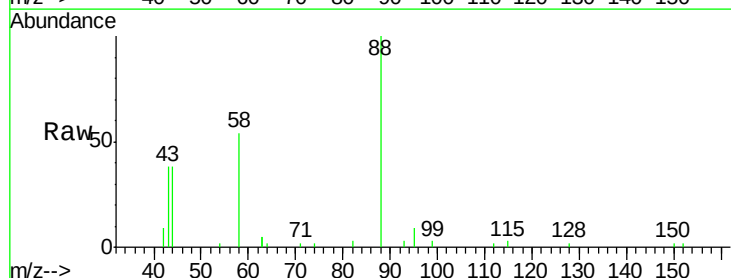
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



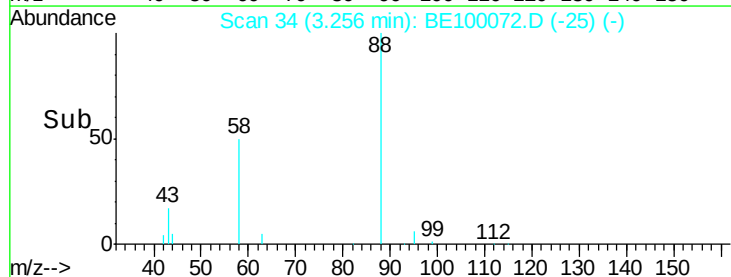
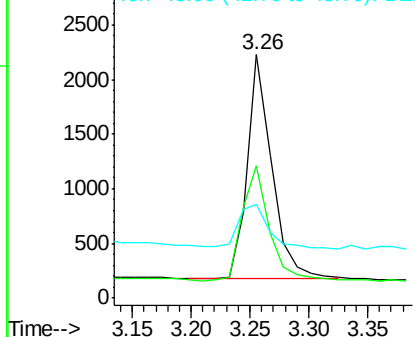
#2

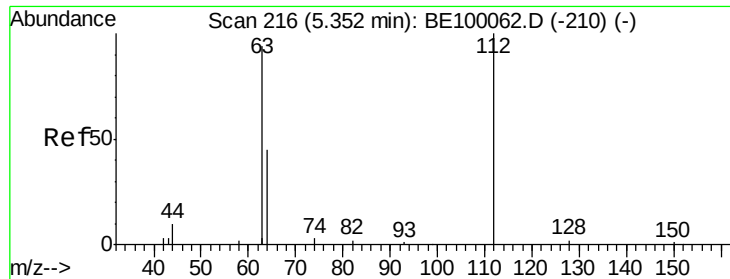
1,4-Dioxane
Concen: 3.718 ng
RT: 3.26 min Scan# 34
Delta R.T. -0.00 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion: 88 Resp: 2997
Ion Ratio Lower Upper
88 100
58 57.0 41.9 62.9
43 25.5 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: 0.038 ng

RT: 5.36 min Scan# 217

Delta R.T. 0.01 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

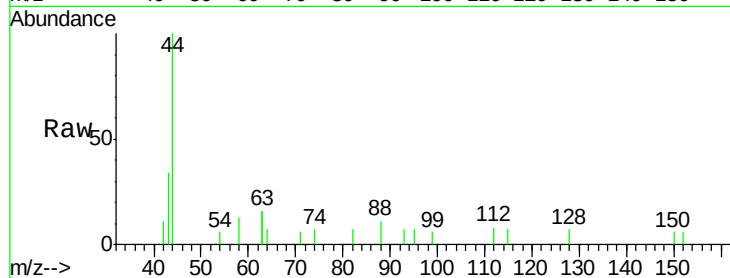
Tot Ion:112 Resp: 48

Ion Ratio Lower Upper

112 100

64 52.1 39.6 59.4

63 247.9 113.0 169.4#

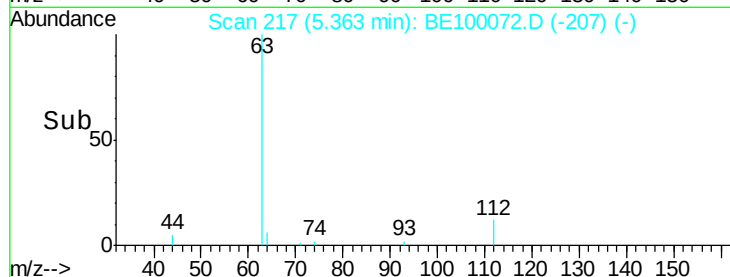


Abundance Ion 112.00 (111.70 to 112.70): BE1

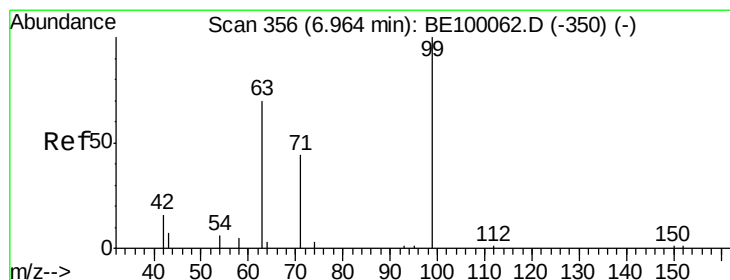
Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

Time-->



Time-->



#5

Phenol-d6

Concen: 0.003 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.03 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

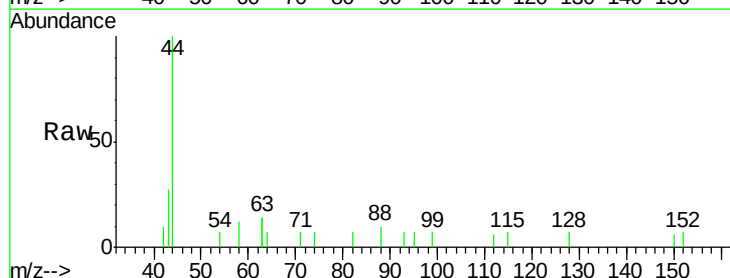
Tgt Ion: 99 Resp: 4

Ion Ratio Lower Upper

99 100

42 125.0 11.4 17.2#

71 200.0 32.8 49.2#

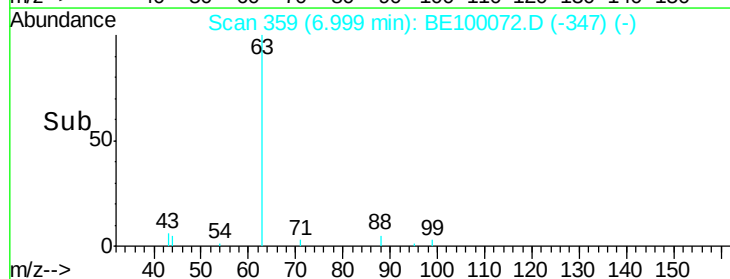


Abundance Ion 99.00 (98.70 to 99.70): BE1

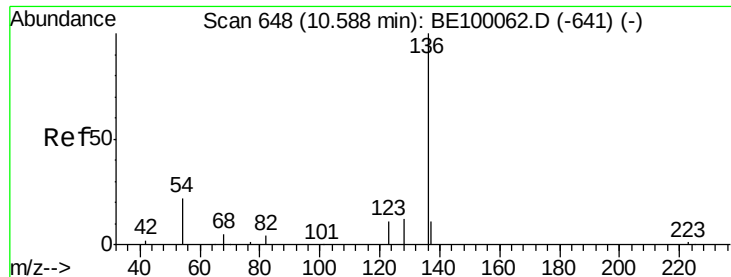
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

Time-->



Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.63 min Scan# 651

Delta R.T. 0.04 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

Tot Ion:136 Resp: 1547

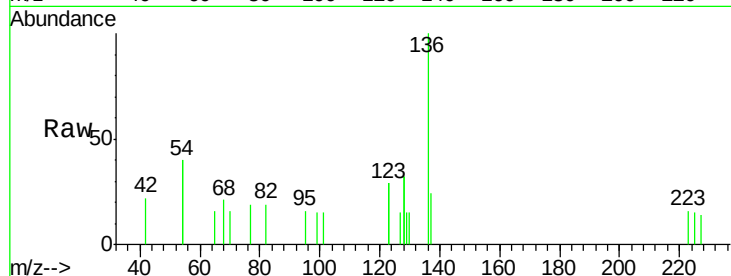
Ion Ratio Lower Upper

136 100

137 24.0 12.6 19.0#

54 79.9 33.0 49.6#

68 21.4 8.6 12.8#

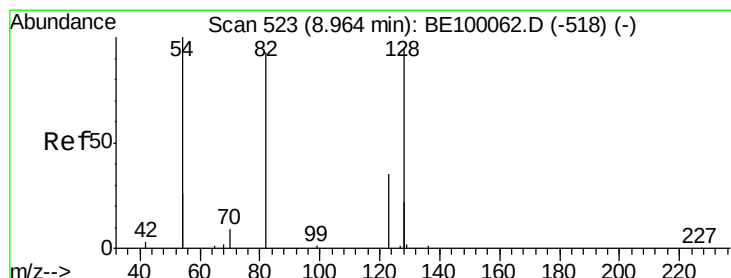
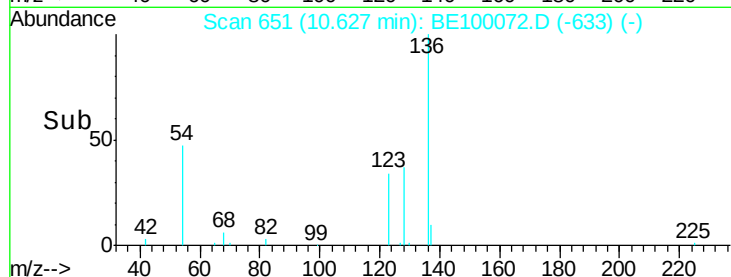
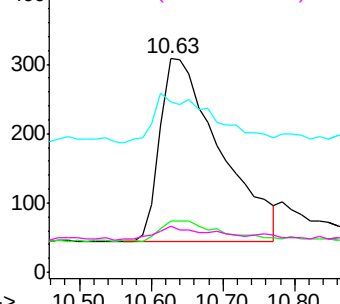


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.129 ng

RT: 9.11 min Scan# 534

Delta R.T. 0.14 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

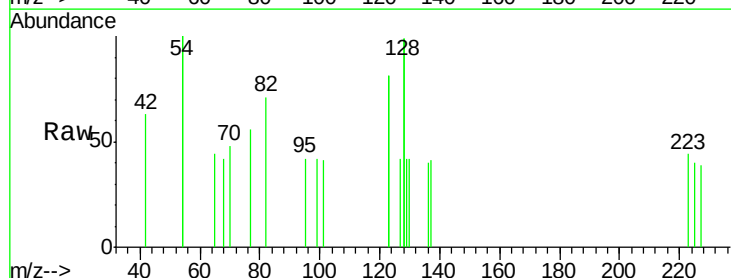
Tgt Ion: 82 Resp: 197

Ion Ratio Lower Upper

82 100

128 281.0 134.6 201.8#

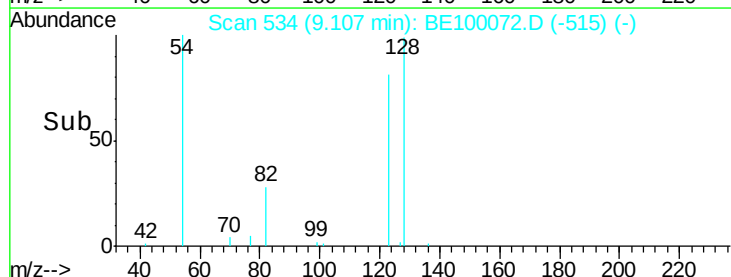
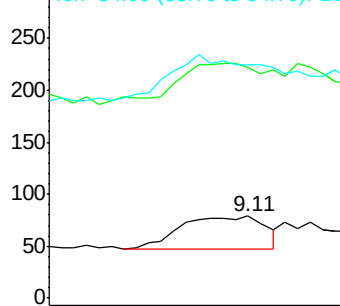
54 283.5 141.6 212.4#

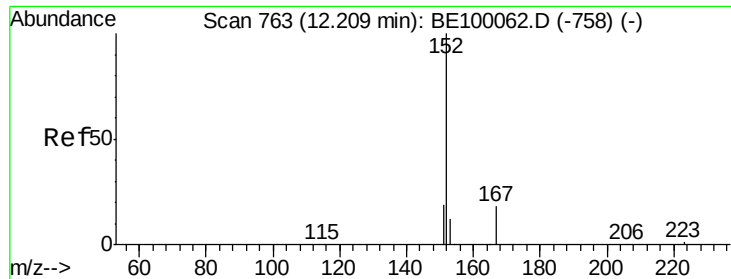


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

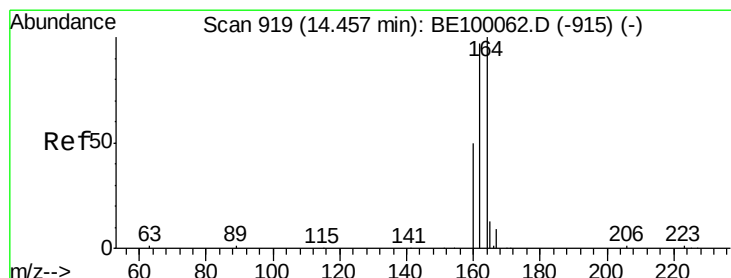
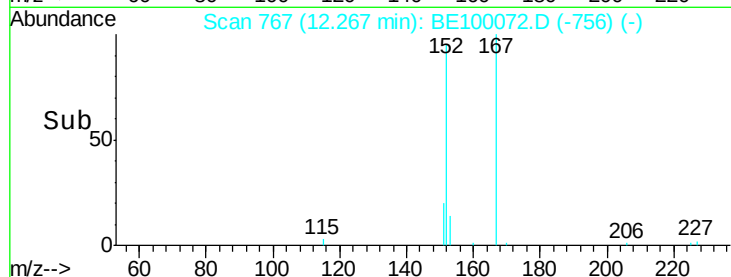
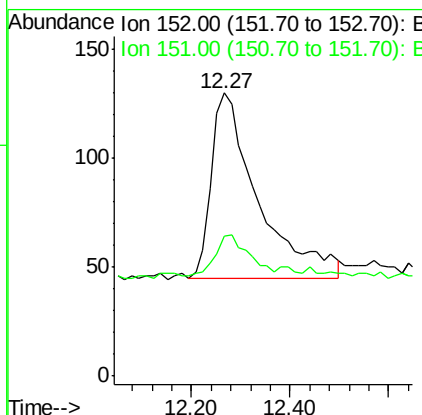
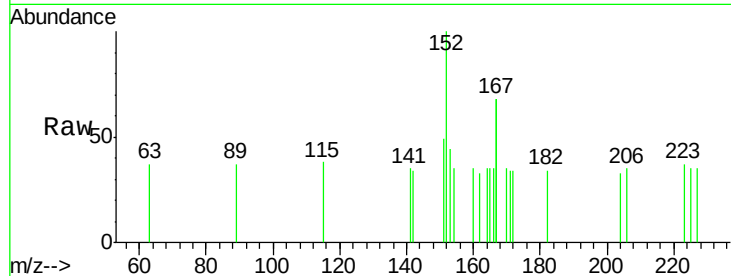




#11
 2-Methylnaphthalene-d10
 Concen: 0.199 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.06 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

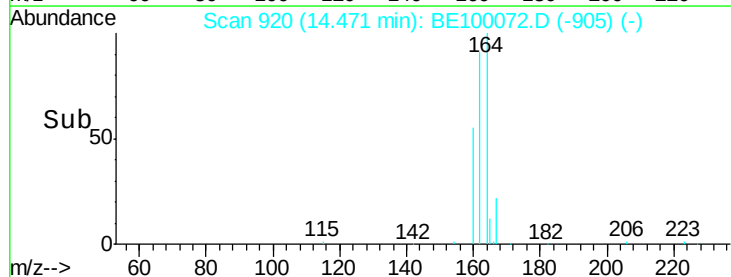
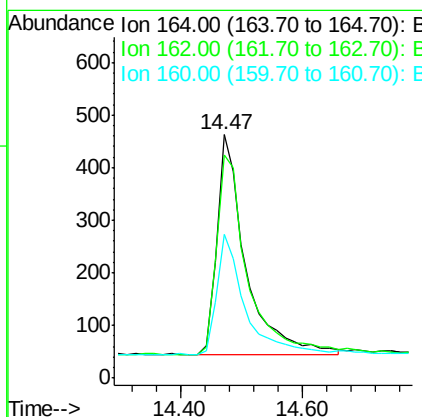
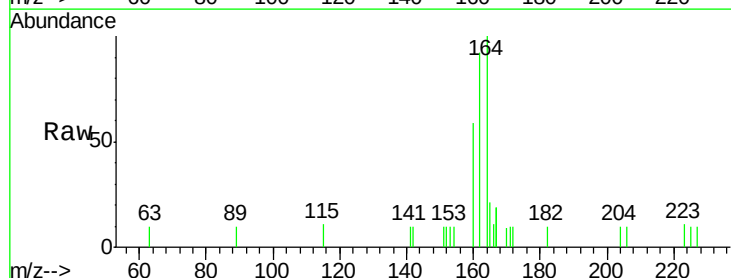
Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190610DL

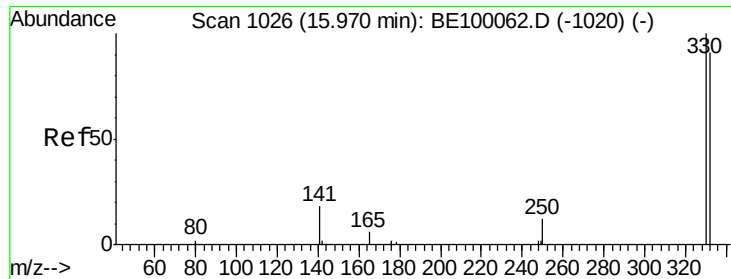
Tot Ion:152 Resp: 555
 Ion Ratio Lower Upper
 152 100
 151 15.9 15.4 23.2



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.47 min Scan# 920
 Delta R.T. 0.01 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

Tgt Ion:164 Resp: 1375
 Ion Ratio Lower Upper
 164 100
 162 91.8 77.6 116.4
 160 59.0 41.7 62.5





#14

2,4,6-Tribromophenol

Concen: 0.154 ng

RT: 16.01 min Scan# 1029

Delta R.T. 0.04 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

BNA_E

ClientSampleId :

TT101D1-20190610DL

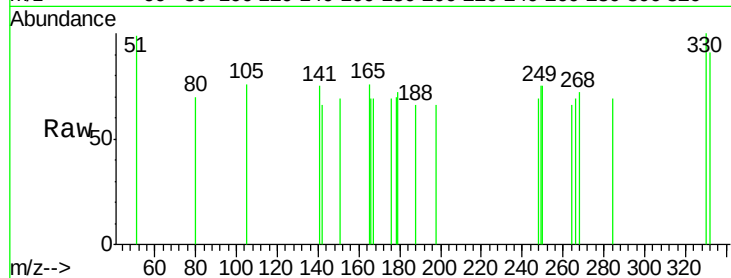
Tot Ion:330 Resp: 130

Ion Ratio Lower Upper

330 100

332 92.3 74.7 112.1

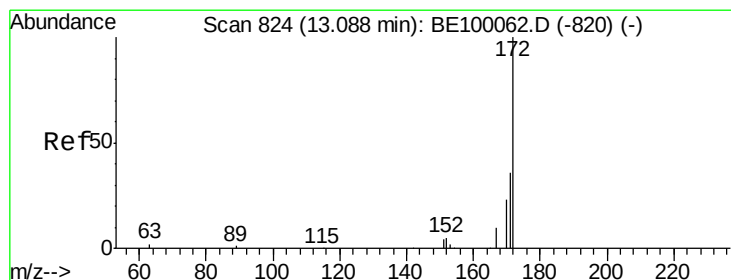
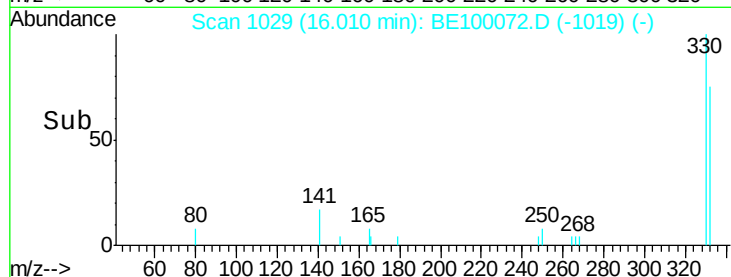
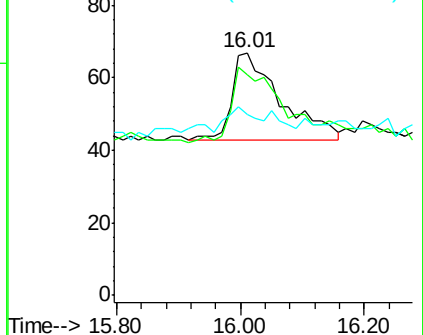
141 16.9 20.3 30.5#



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: 0.229 ng

RT: 13.13 min Scan# 827

Delta R.T. 0.04 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

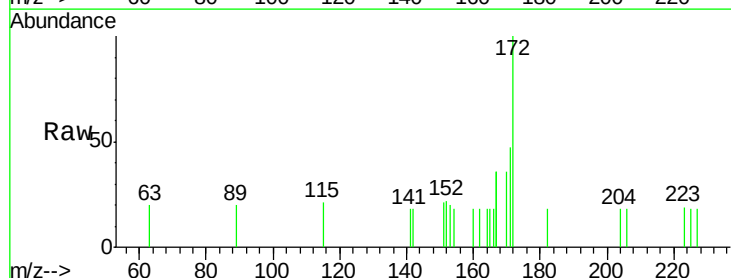
Tgt Ion:172 Resp: 1221

Ion Ratio Lower Upper

172 100

171 47.2 31.0 46.6#

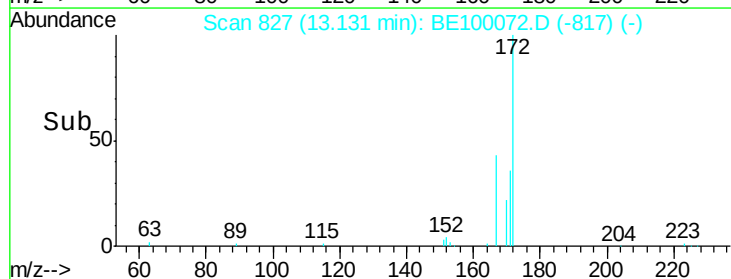
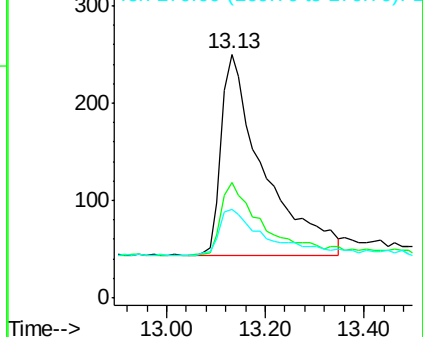
170 36.4 21.3 31.9#

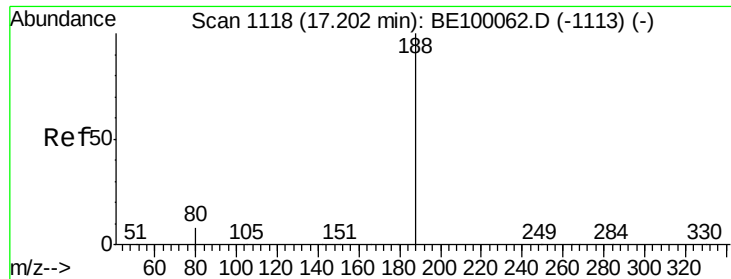


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.23 min Scan# 1120

Delta R.T. 0.03 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

Instrument :

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ClientSampleId :

TT101D1-20190610DL

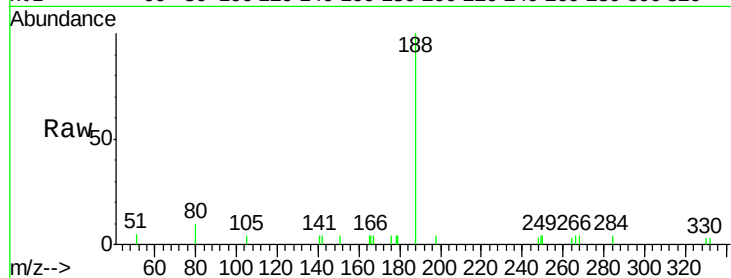
Tot Ion:188 Resp: 4229

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

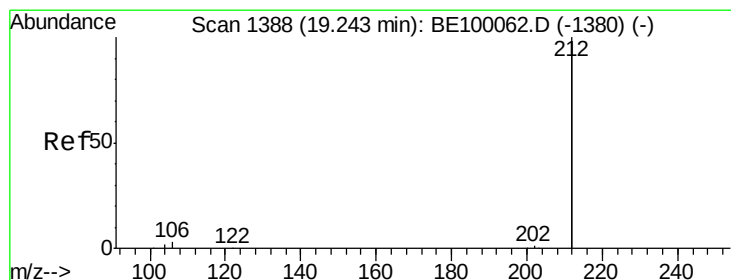
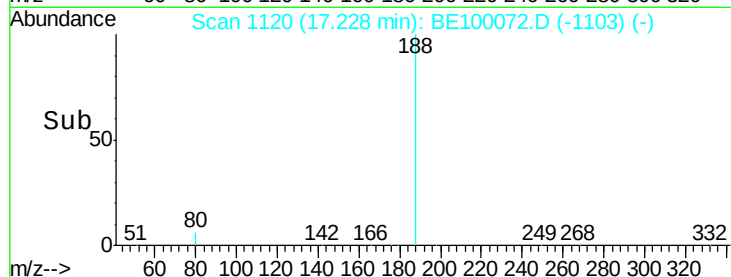
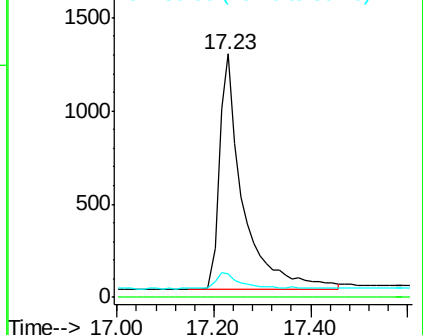
80 9.6 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#25

Fluoranthene-d10

Concen: 0.209 ng

RT: 19.25 min Scan# 1389

Delta R.T. 0.00 min

Lab File: BE100072.D

Acq: 17 Jun 2019 21:48

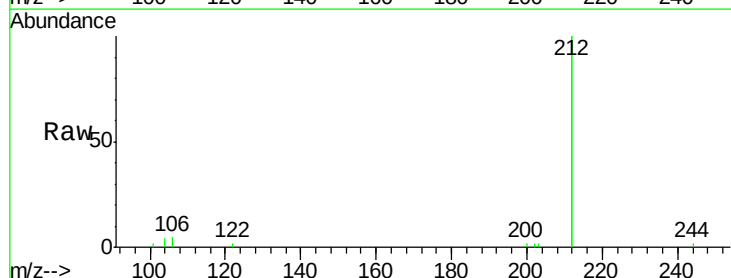
Tgt Ion:212 Resp: 12456

Ion Ratio Lower Upper

212 100

106 1.8 1.4 2.2

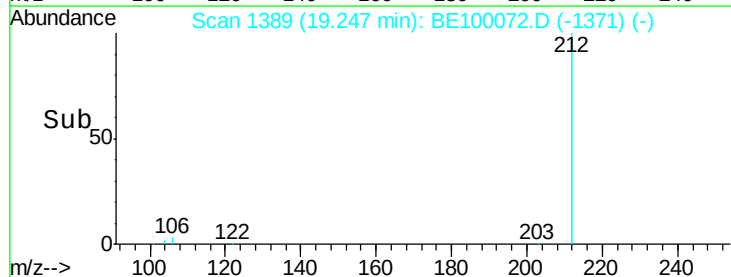
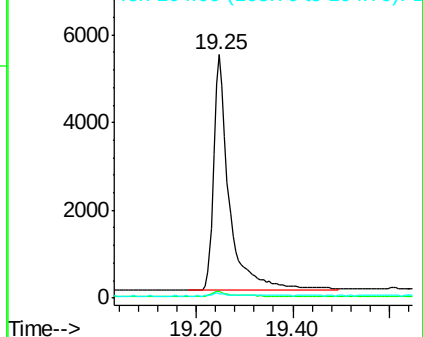
104 1.0 0.9 1.3

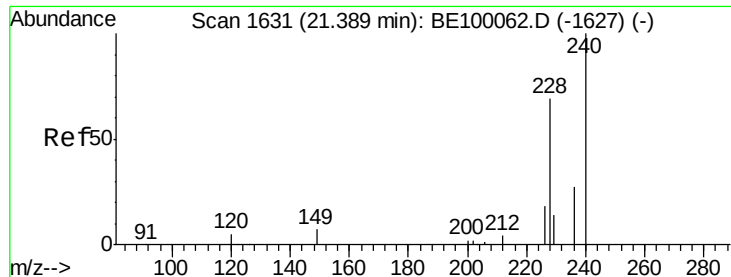


Abundance Ion 212.00 (211.70 to 212.70): E

Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E

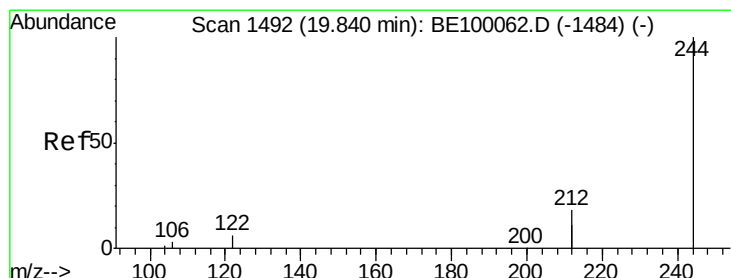
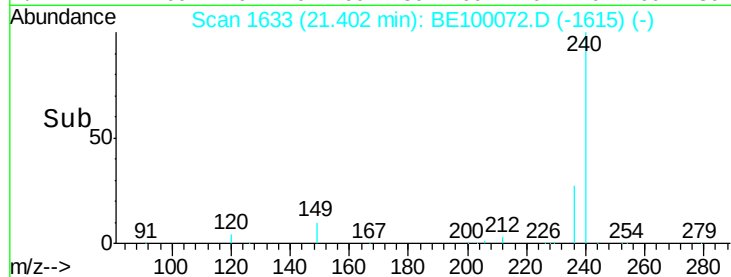
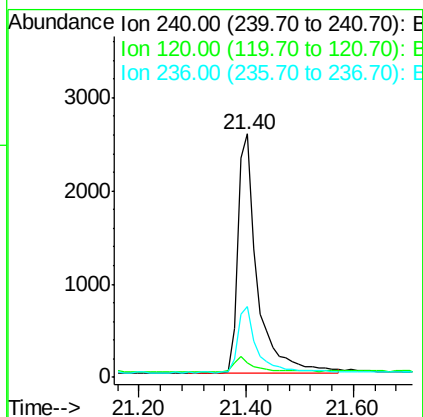
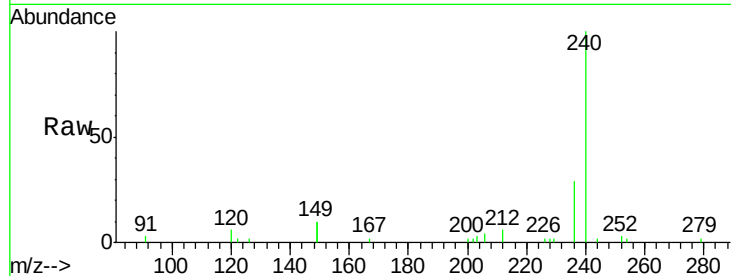




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.40 min Scan# 1633
Delta R.T. 0.01 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

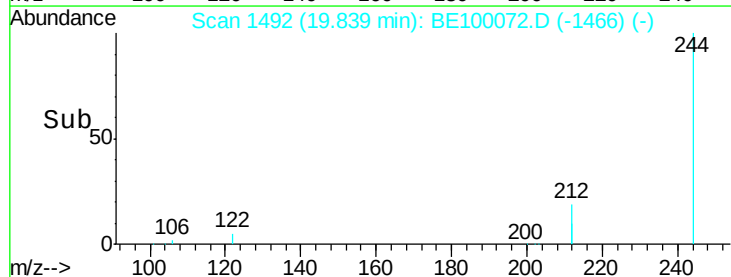
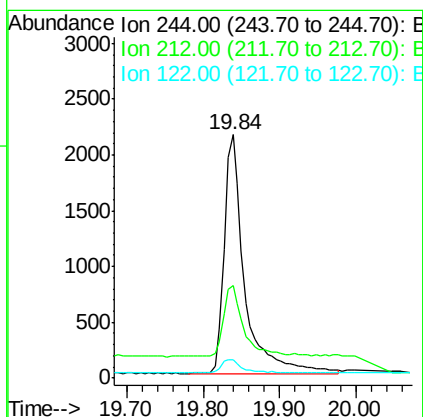
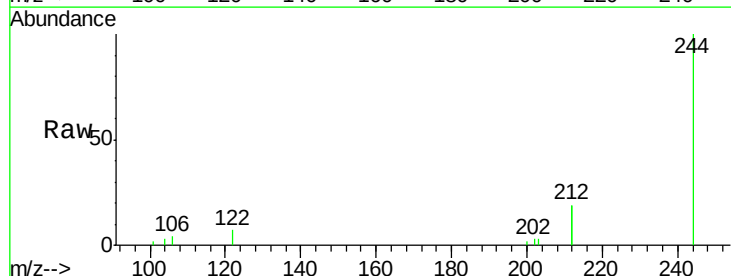
Instrument :
BNA_E
ClientSampleId :
TT101D1-20190610DL

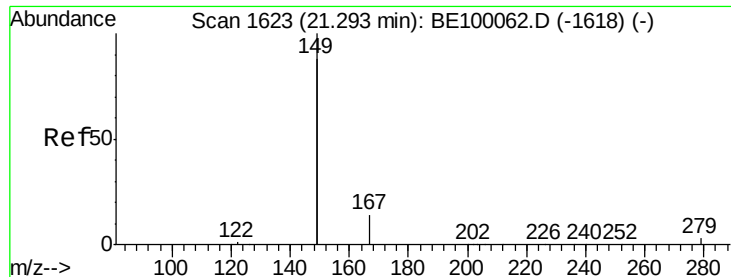
Tot Ion:240 Resp: 6506
Ion Ratio Lower Upper
240 100
120 6.1 5.4 8.0
236 28.9 22.6 33.8



#29
Terphenyl-d14
Concen: 0.362 ng
RT: 19.84 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE100072.D
Acq: 17 Jun 2019 21:48

Tgt Ion:244 Resp: 3967
Ion Ratio Lower Upper
244 100
212 38.0 27.9 41.9
122 7.4 5.8 8.6

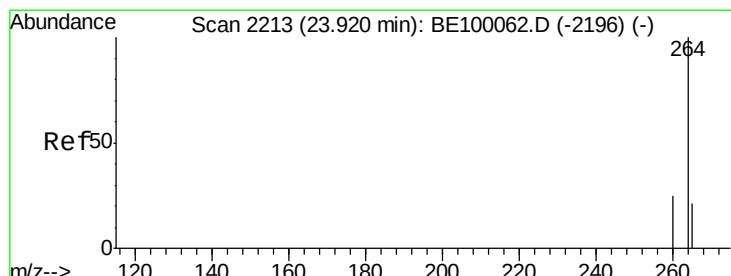
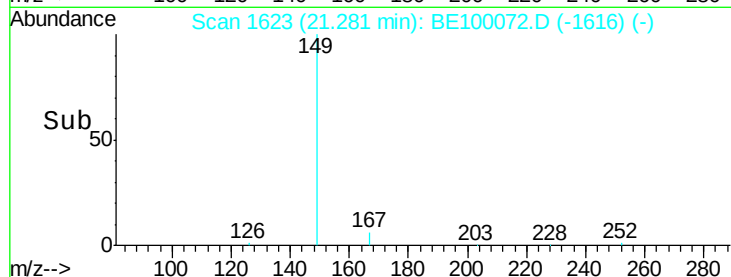
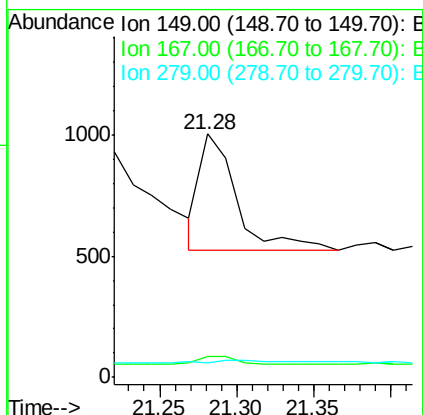
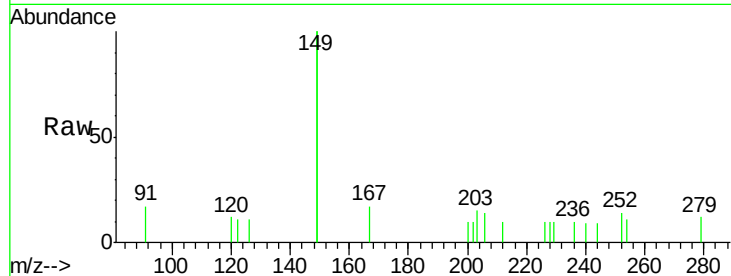




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.031 ng
 RT: 21.28 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

Instrument :
 BNA_E
 ClientSampleId :
 TT101D1-20190610DL

Tot Ion:149 Resp: 800
 Ion Ratio Lower Upper
 149 100
 167 8.3 5.9 8.9
 279 3.3 1.0 1.6#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BE100072.D
 Acq: 17 Jun 2019 21:48

Tgt Ion:264 Resp: 7416
 Ion Ratio Lower Upper
 264 100
 260 26.8 20.6 31.0
 265 34.8 23.6 35.4

