

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
 Data File : BE100120.D
 Acq On : 20 Jun 2019 23:06
 Operator : JU/SJ
 Sample : K3345-13
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 DUP-01_061219

Quant Time: Jun 21 02:20:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 19 15:07:24 2019
 Response via : Initial Calibration

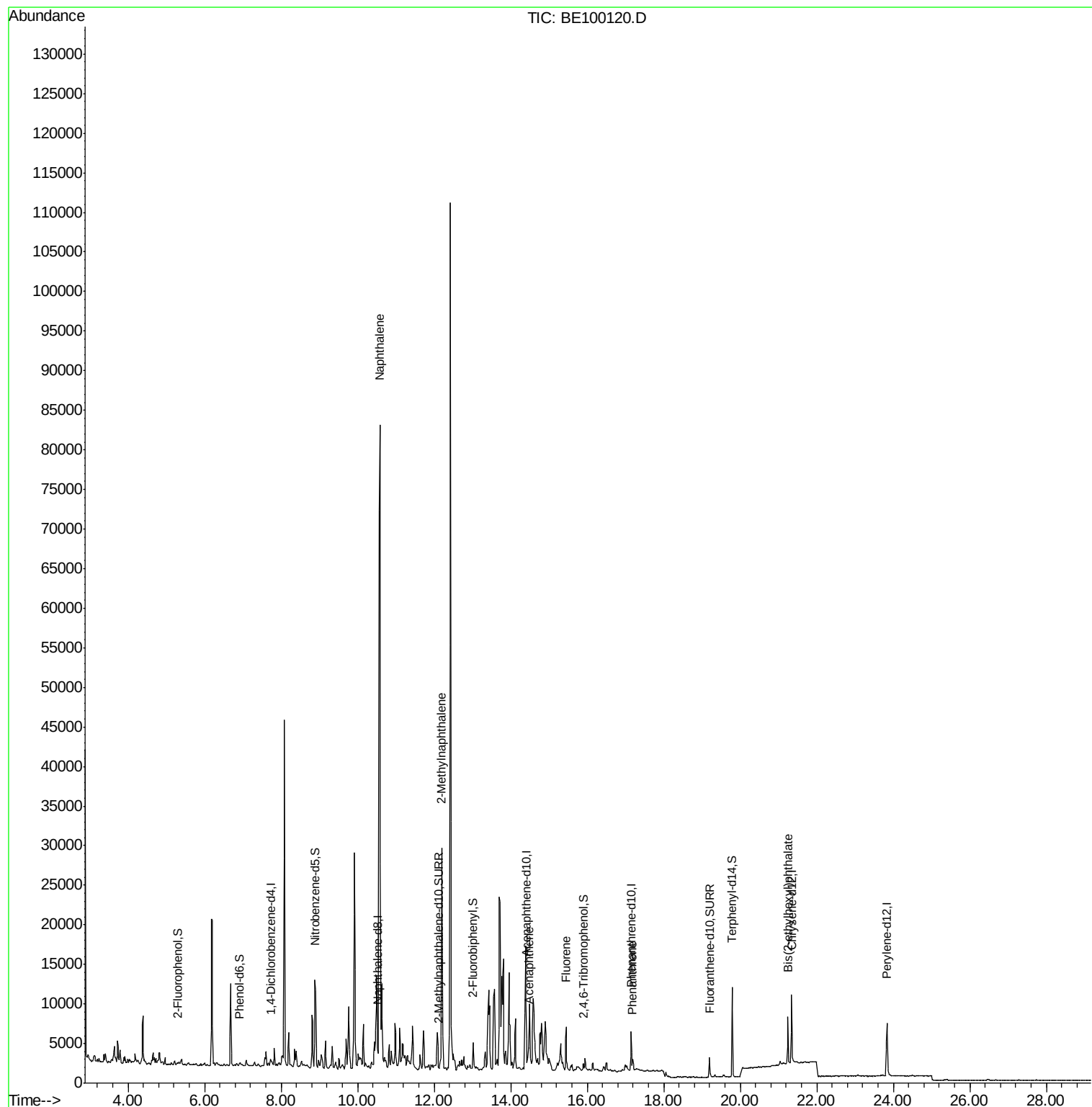
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	519	0.40	ng	-0.01
7) Naphthalene-d8	10.52	136	2018	0.40	ng	-0.01
13) Acenaphthene-d10	14.40	164	4411	0.40	ng	-0.02
19) Phenanthrene-d10	17.15	188	6035	0.40	ng	-0.01
27) Chrysene-d12	21.34	240	8992	0.40	ng	0.00
34) Perylene-d12	23.83	264	10189	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.29	112	216	0.20	ng	-0.01
5) Phenol-d6	6.91	99	151	0.10	ng	-0.02
8) Nitrobenzene-d5	8.90	82	721	0.37	ng	-0.01
11) 2-Methylnaphthalene-d10	12.12	152	181	0.05	ng	-0.03
14) 2,4,6-Tribromophenol	15.89	330	569	0.23	ng	-0.03
15) 2-Fluorobiphenyl	13.02	172	3906	0.23	ng	-0.03
25) Fluoranthene-d10	19.19	212	3268	0.04	ng	0.00
29) Terphenyl-d14	19.79	244	10319	0.57	ng	-0.02
Target Compounds						Qvalue
9) Naphthalene	10.58	128	139095	6.343	ng	98
12) 2-Methylnaphthalene	12.19	142	21747	6.030	ng	97
17) Acenaphthene	14.47	154	1054	0.090	ng	# 48
18) Fluorene	15.45	166	4100	0.235	ng	# 93
23) Phenanthrene	17.19	178	1380	0.095	ng	97
32) Bis(2-ethylhexyl)phthalate	21.24	149	6702	0.266	ng	# 100

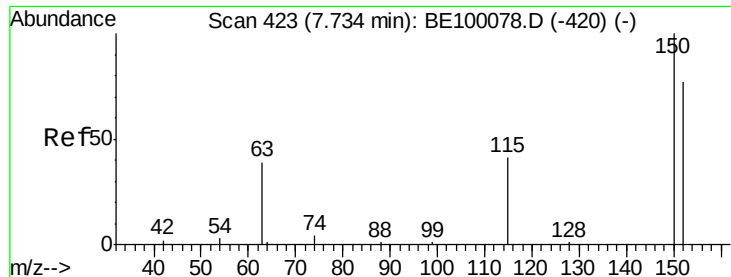
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062019\
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Quant Time: Jun 21 02:20:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061919.M
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QLast Update : Wed Jun 19 15:07:24 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.72 min Scan# 422

Delta R.T. -0.01 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

Instrument :

BNA_E

ClientSampleId :

DUP-01_061219

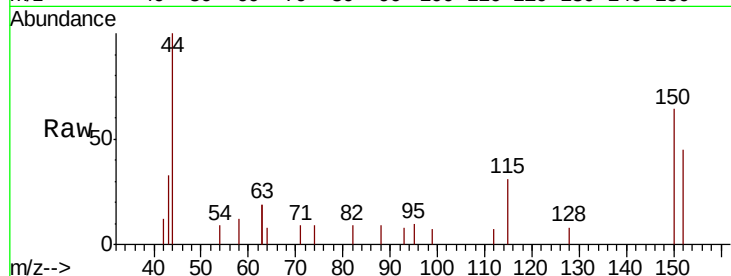
Tot Ion:152 Resp: 519

Ion Ratio Lower Upper

152 100

150 143.7 99.8 149.8

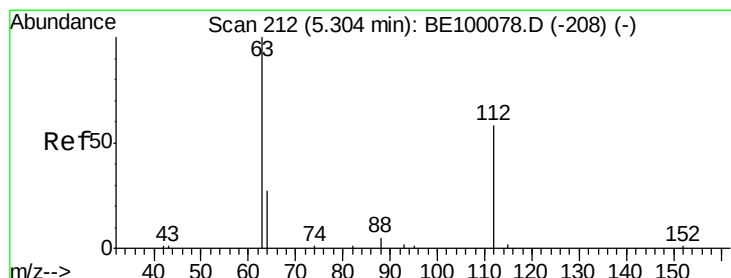
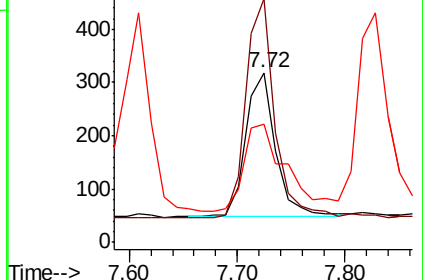
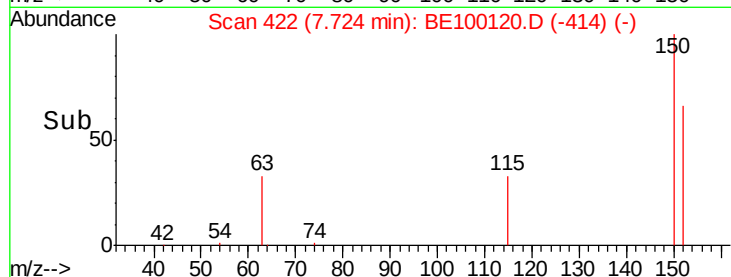
115 69.8 51.3 76.9



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



#4

2-Fluorophenol

Concen: 0.201 ng

RT: 5.29 min Scan# 211

Delta R.T. -0.01 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

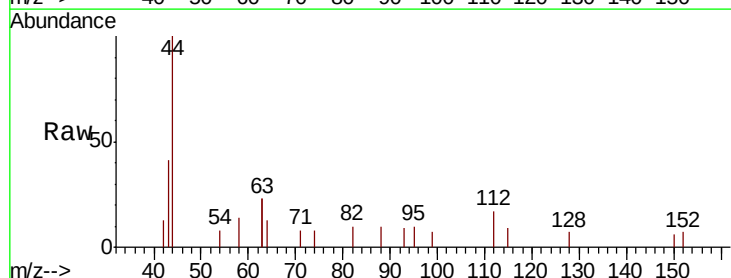
Tgt Ion:112 Resp: 216

Ion Ratio Lower Upper

112 100

64 49.5 22.0 33.0#

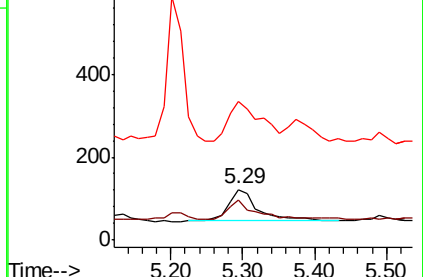
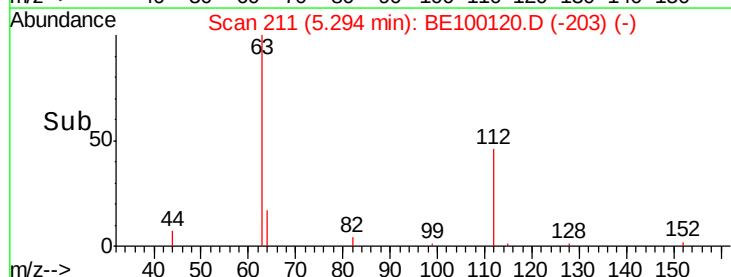
63 142.1 121.8 182.6

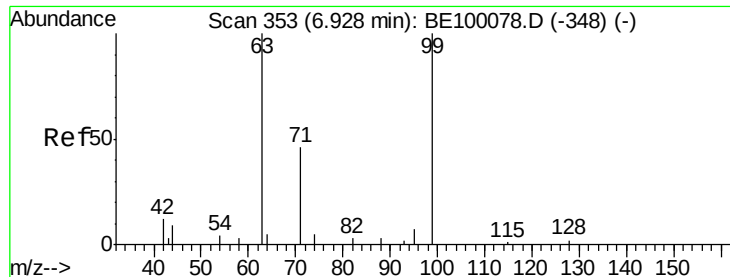


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.102 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.02 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

Instrument :

BNA_E

ClientSampleId :

DUP-01_061219

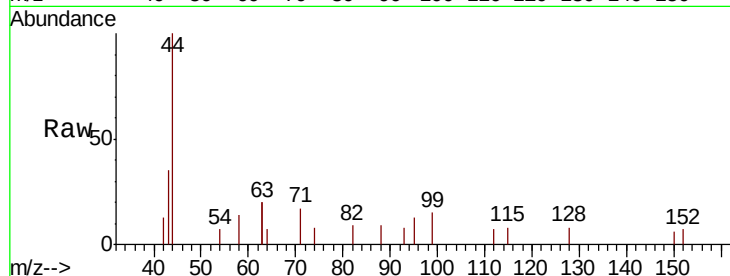
Tot Ion: 99 Resp: 151

Ion Ratio Lower Upper

99 100

42 0.0 0.0 0.0

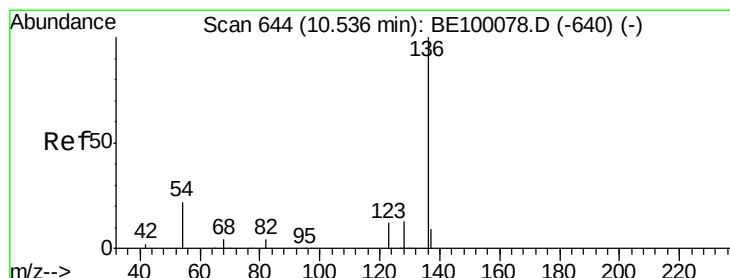
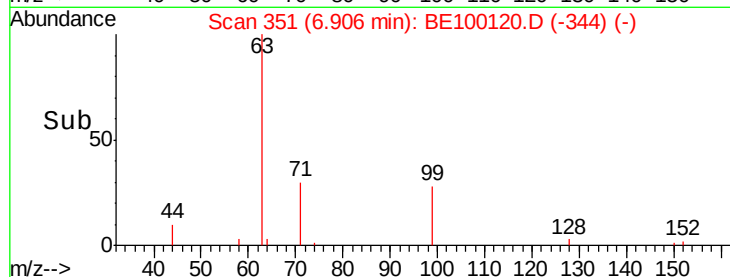
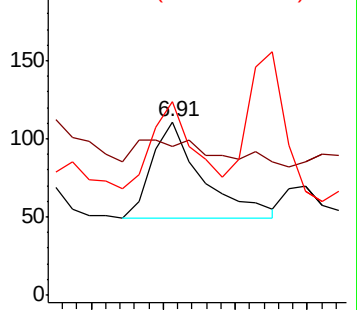
71 71.5 37.6 56.4#



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



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.52 min Scan# 643

Delta R.T. -0.01 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

Tgt Ion: 136 Resp: 2018

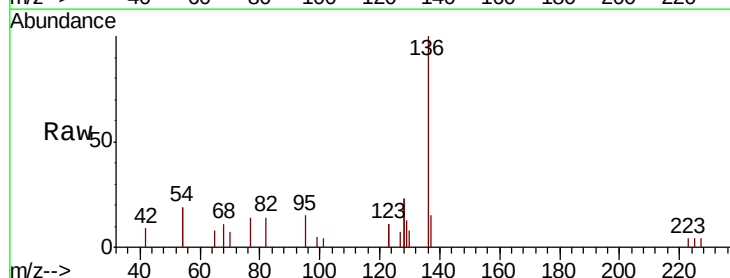
Ion Ratio Lower Upper

136 100

137 15.0 11.6 17.4

54 38.4 33.9 50.9

68 11.4 7.8 11.8

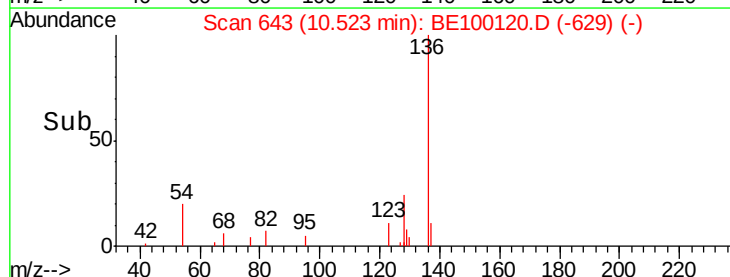
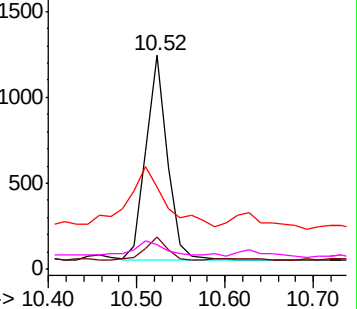


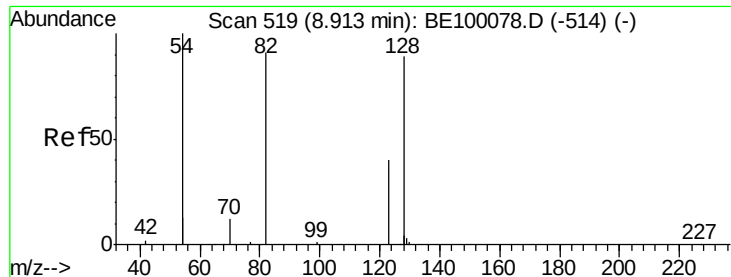
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.368 ng

RT: 8.90 min Scan# 518

Delta R.T. -0.01 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

Instrument :

BNA_E

ClientSampleId :

DUP-01_061219

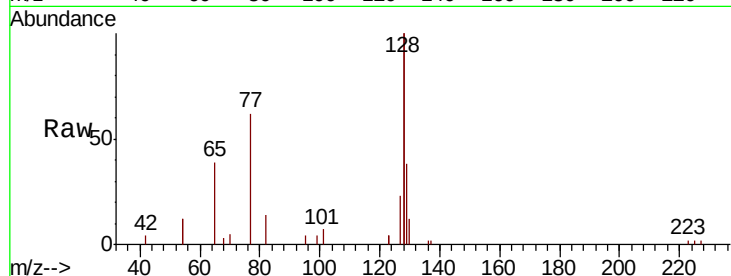
Tot Ion: 82 Resp: 721

Ion Ratio Lower Upper

82 100

128 1473.1 128.0 192.0#

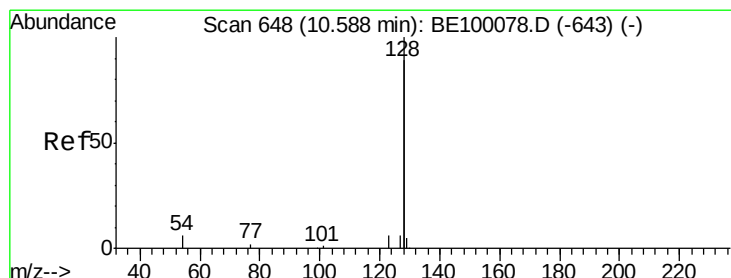
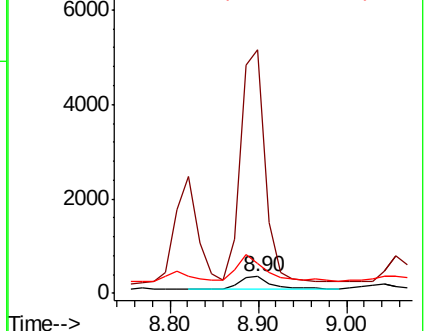
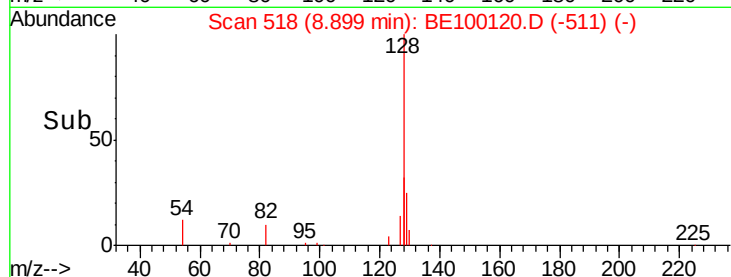
54 181.7 143.4 215.0



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#9

Naphthalene

Concen: 6.343 ng

RT: 10.58 min Scan# 647

Delta R.T. -0.01 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

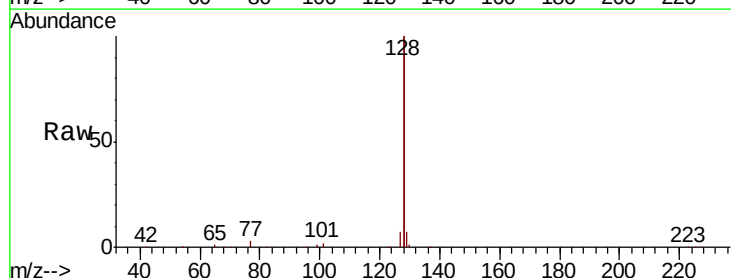
Tgt Ion: 128 Resp: 139095

Ion Ratio Lower Upper

128 100

129 3.7 3.1 4.7

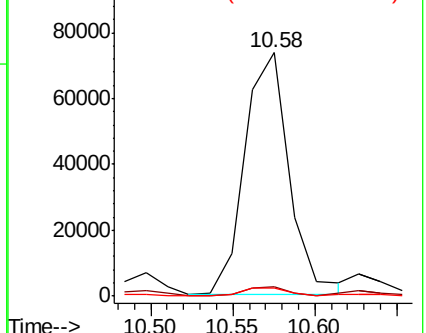
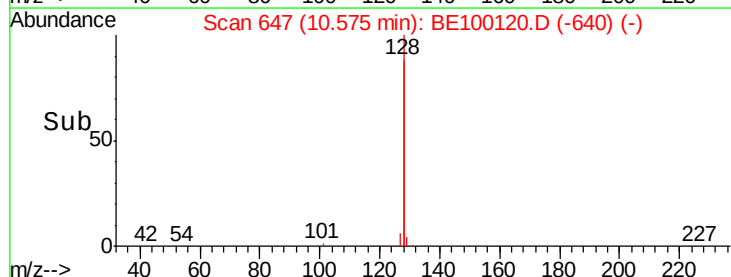
127 3.5 3.4 5.2

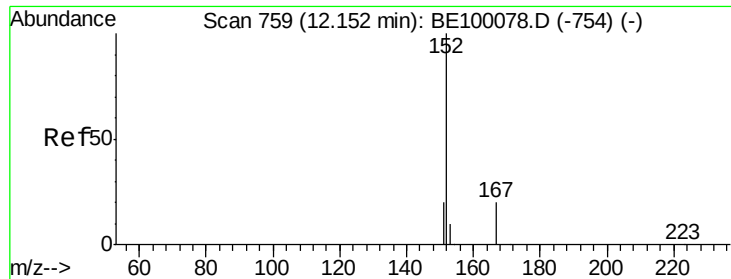


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

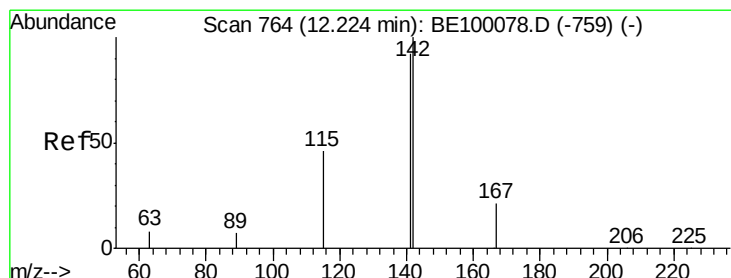
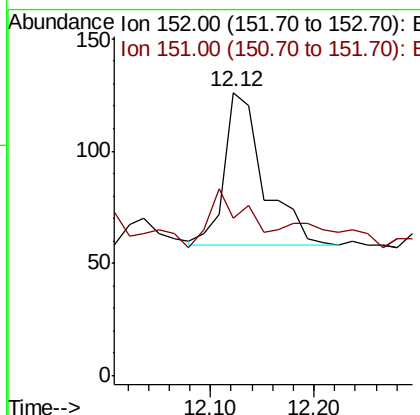
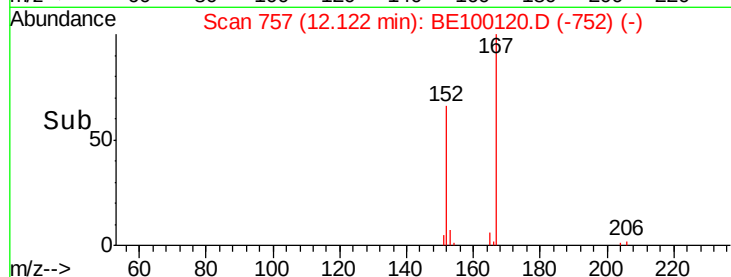
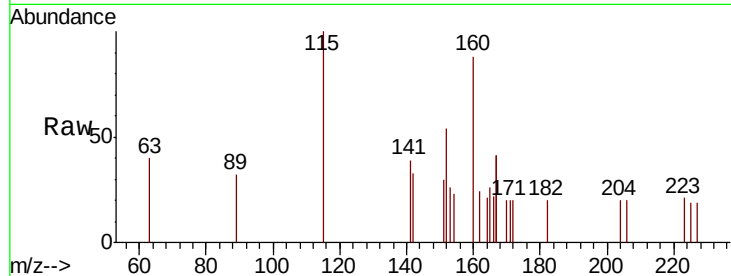




#11
2-Methylnaphthalene-d10
Concen: 0.047 ng
RT: 12.12 min Scan# 757
Delta R.T. -0.03 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

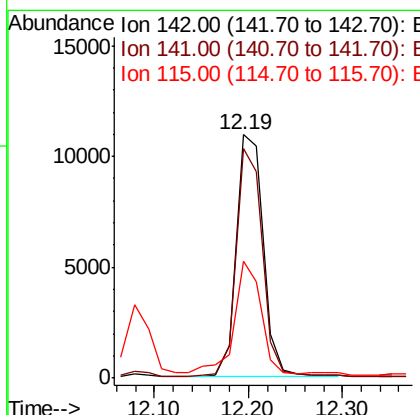
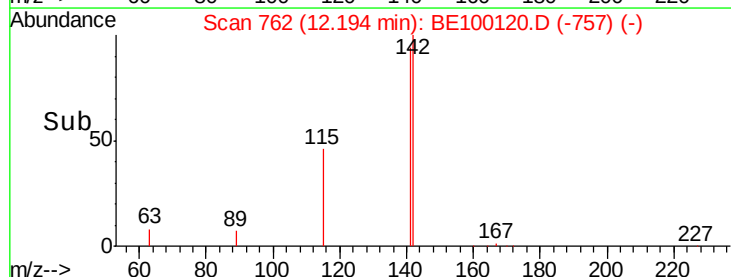
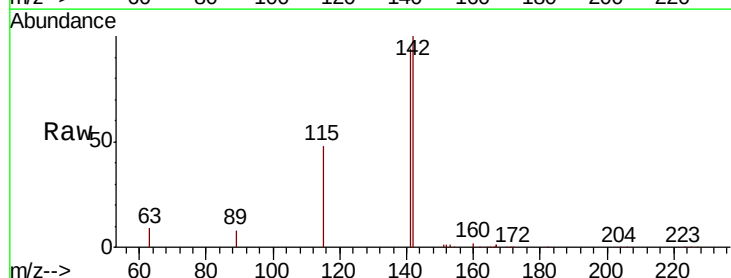
Instrument :
BNA_E
ClientSampleId :
DUP-01_061219

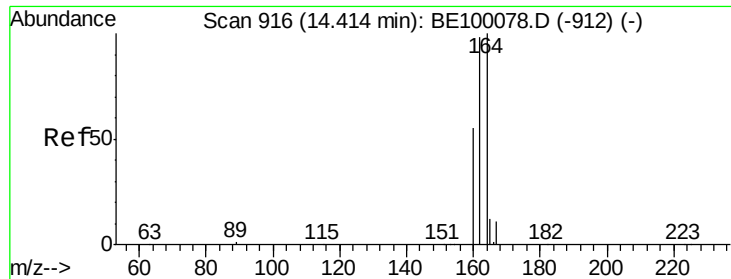
Tot Ion:152 Resp: 181
Ion Ratio Lower Upper
152 100
151 38.7 16.3 24.5#



#12
2-Methylnaphthalene
Concen: 6.030 ng
RT: 12.19 min Scan# 762
Delta R.T. -0.03 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:142 Resp: 21747
Ion Ratio Lower Upper
142 100
141 94.4 74.1 111.1
115 48.1 40.9 61.3





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.40 min Scan# 915

Delta R.T. -0.02 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

Instrument :

BNA_E

ClientSampleId :

DUP-01_061219

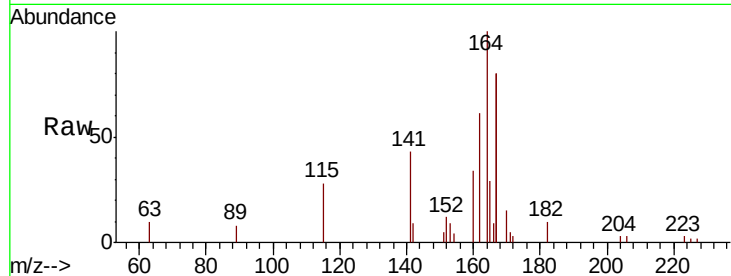
Tot Ion:164 Resp: 4411

Ion Ratio Lower Upper

164 100

162 60.9 78.2 117.2#

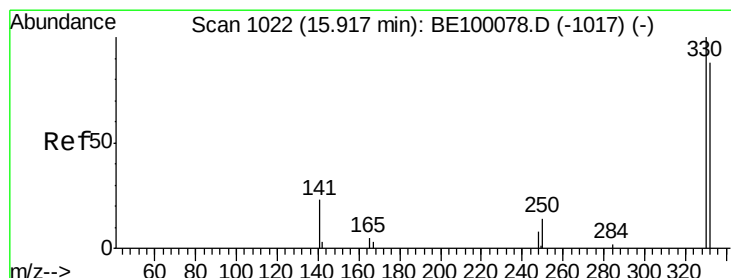
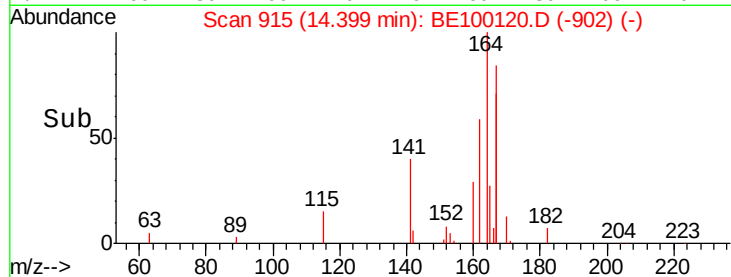
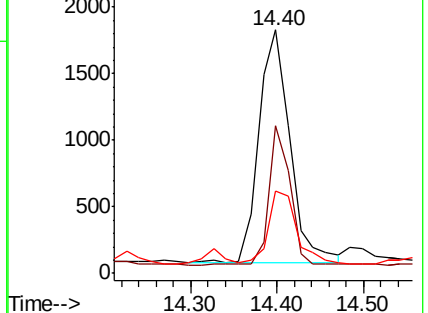
160 33.8 45.6 68.4#



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

2,4,6-Tribromophenol

Concen: 0.234 ng

RT: 15.89 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

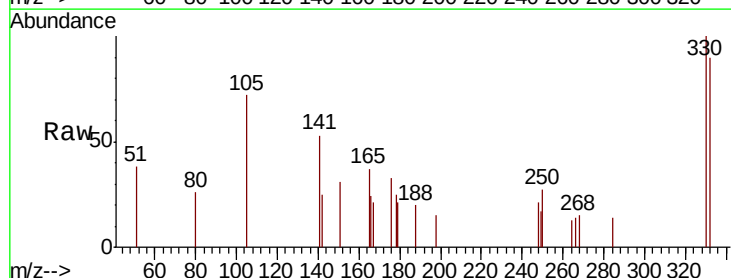
Tgt Ion:330 Resp: 569

Ion Ratio Lower Upper

330 100

332 94.2 73.3 109.9

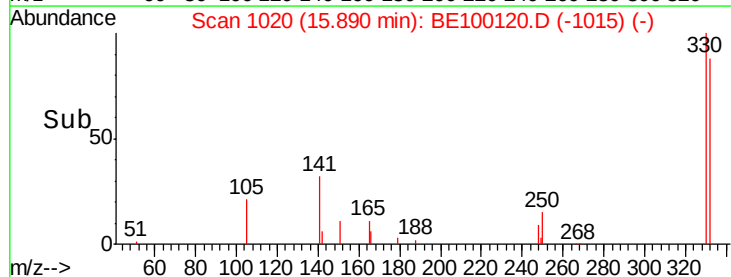
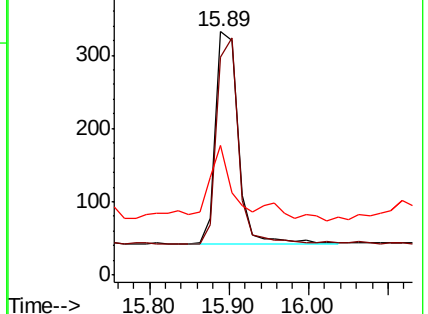
141 27.9 22.2 33.2

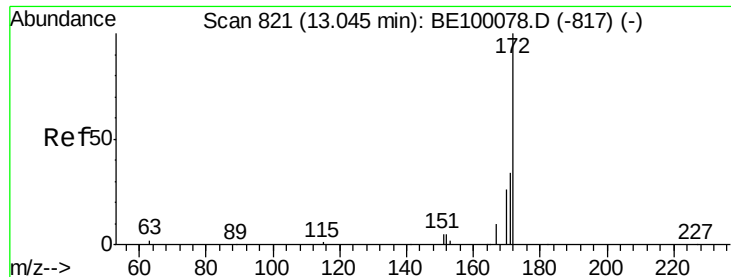


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

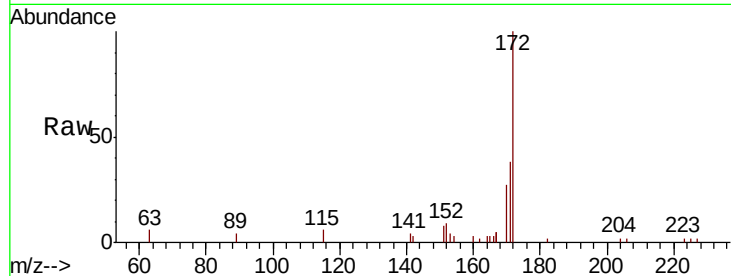




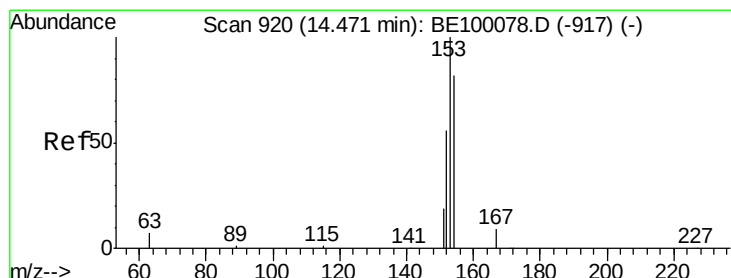
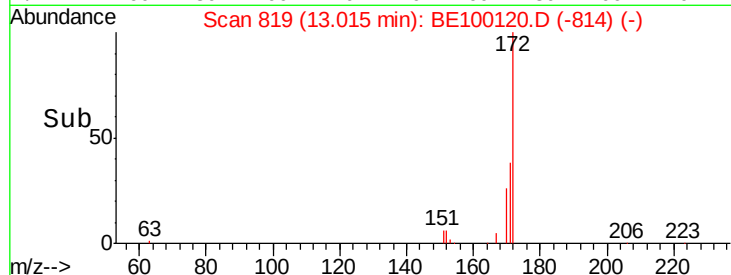
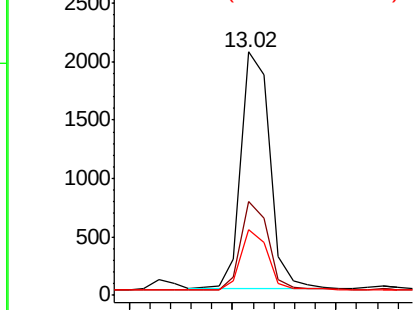
#15
2-Fluorobiphenyl
Concen: 0.225 ng
RT: 13.02 min Scan# 819
Delta R.T. -0.03 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Instrument :
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DUP-01_061219

Tot Ion:172 Resp: 3906
Ion Ratio Lower Upper
172 100
171 38.4 29.8 44.8
170 27.1 23.2 34.8

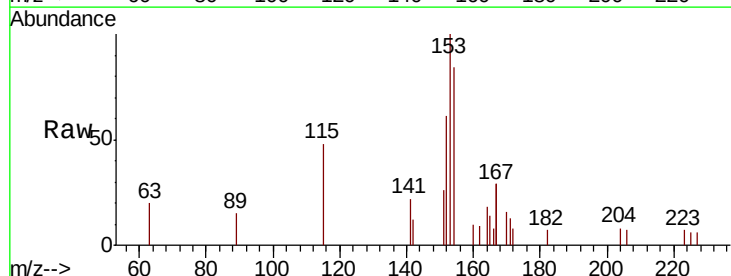


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

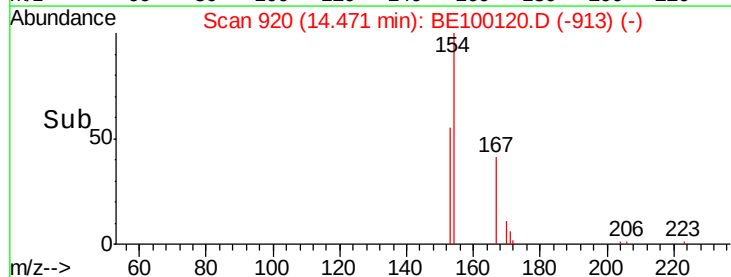
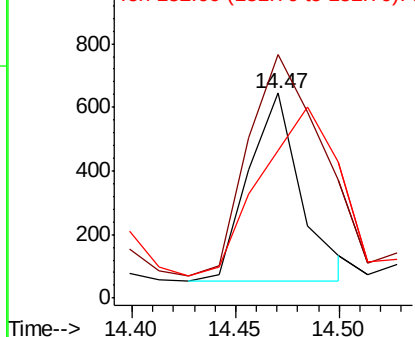


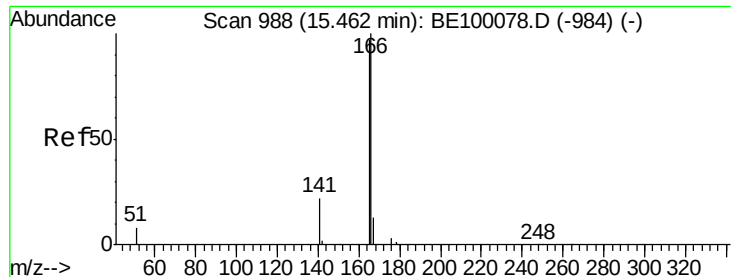
#17
Acenaphthene
Concen: 0.090 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100120.D
Acq: 20 Jun 2019 23:06

Tgt Ion:154 Resp: 1054
Ion Ratio Lower Upper
154 100
153 162.1 95.5 143.3#
152 129.2 54.9 82.3#



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

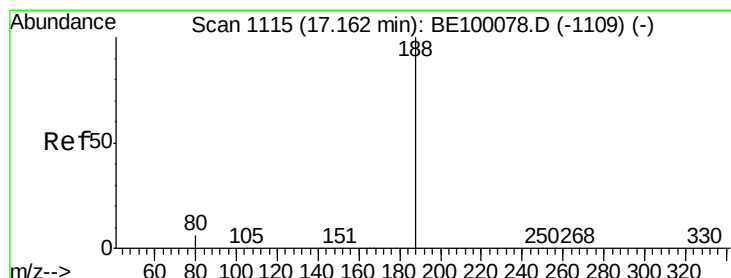
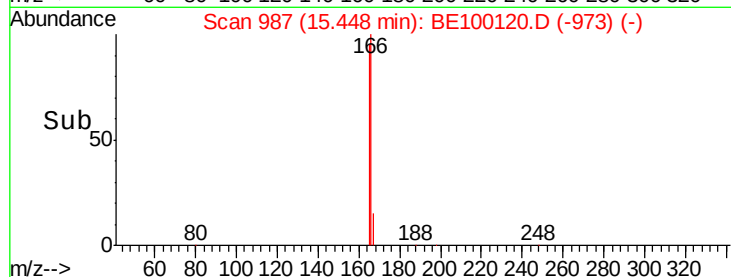
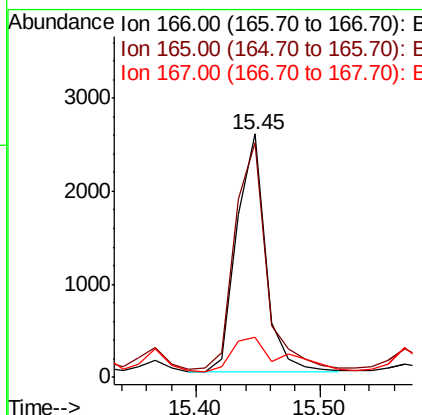
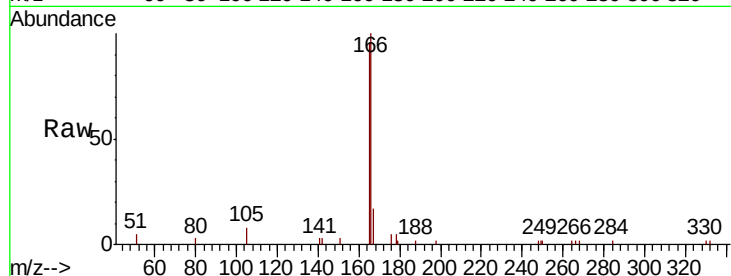




#18
 Fluorene
 Concen: 0.235 ng
 RT: 15.45 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BE100120.D
 Acq: 20 Jun 2019 23:06

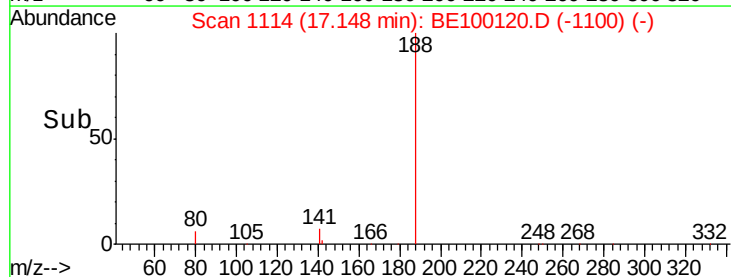
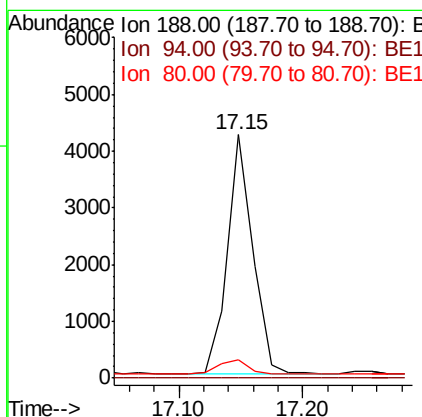
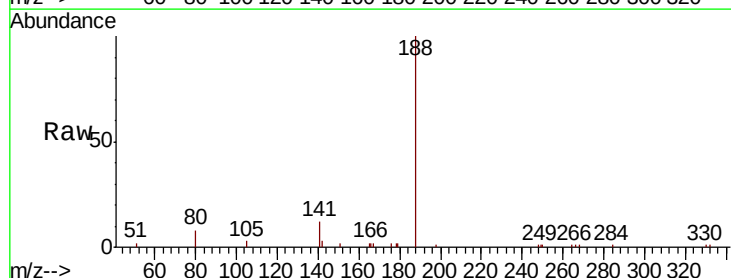
Instrument :
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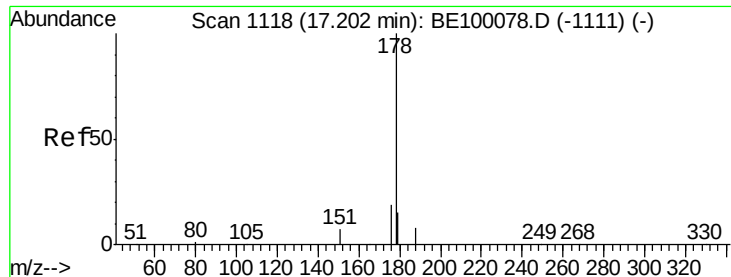
Tot Ion:166 Resp: 4100
 Ion Ratio Lower Upper
 166 100
 165 104.1 79.8 119.8
 167 24.6 10.2 15.4#



#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.15 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BE100120.D
 Acq: 20 Jun 2019 23:06

Tgt Ion:188 Resp: 6035
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 7.8 6.3 9.5





#23

Phenanthrene

Concen: 0.095 ng

RT: 17.19 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

Instrument :

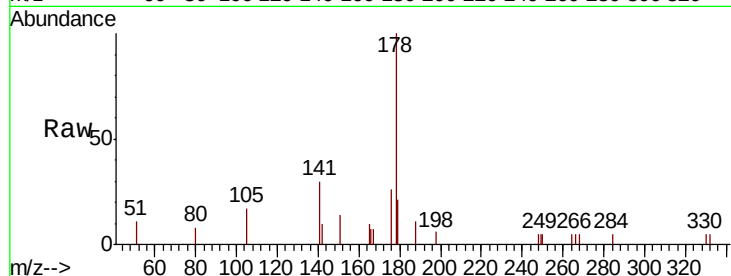
BNA_E

ClientSampleId :

DUP-01_061219

Tot Ion:178 Resp: 1380

Ion	Ratio	Lower	Upper
178	100		
176	17.8	15.9	23.9
179	17.0	13.1	19.7

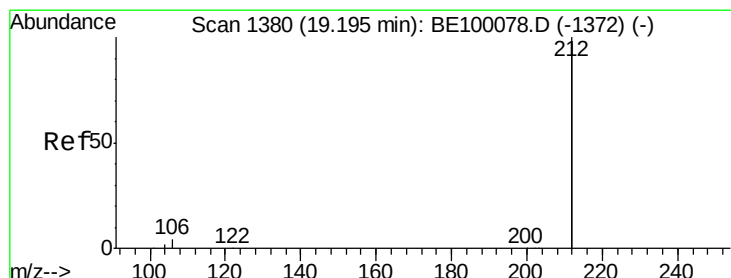
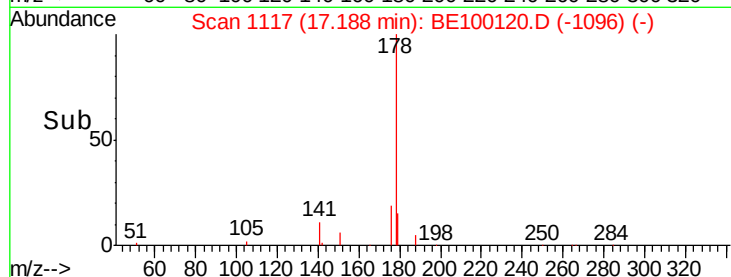
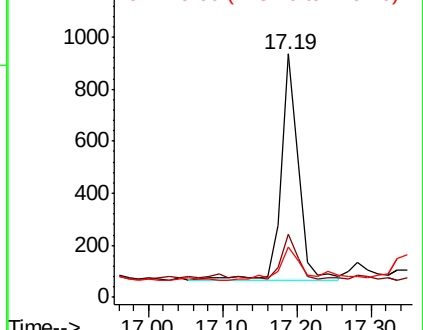


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#25

Fluoranthene-d10

Concen: 0.038 ng

RT: 19.19 min Scan# 1379

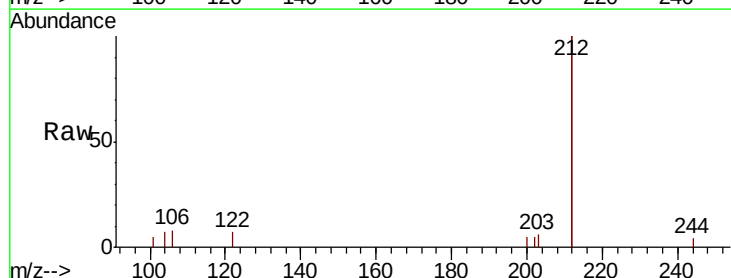
Delta R.T. -0.00 min

Lab File: BE100120.D

Acq: 20 Jun 2019 23:06

Tgt Ion:212 Resp: 3268

Ion	Ratio	Lower	Upper
212	100		
106	2.4	1.4	2.0#
104	1.6	0.8	1.2#

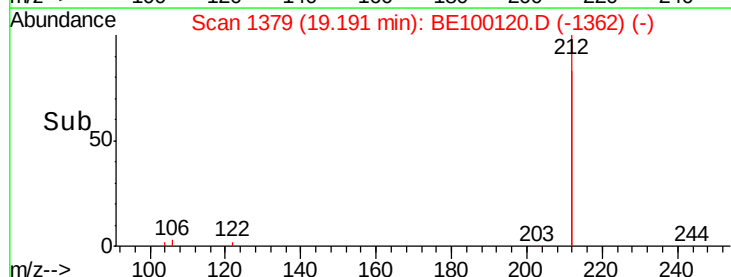
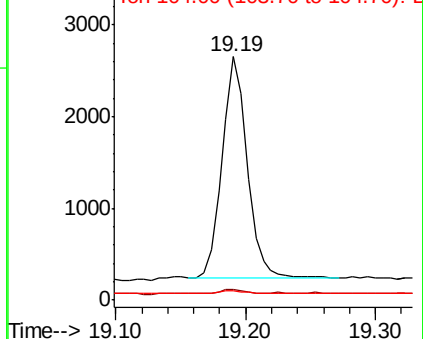


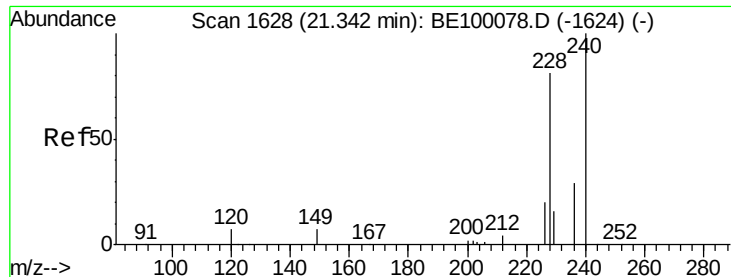
Abundance

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

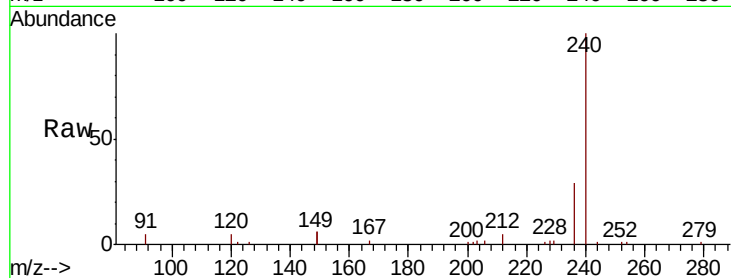




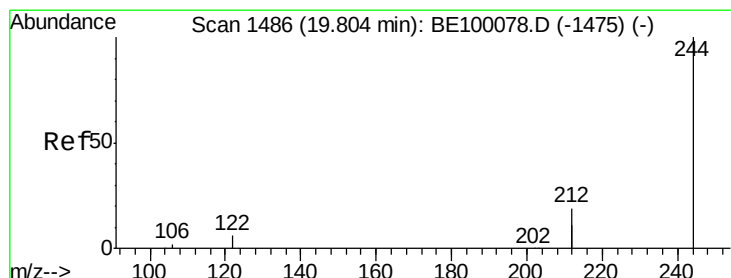
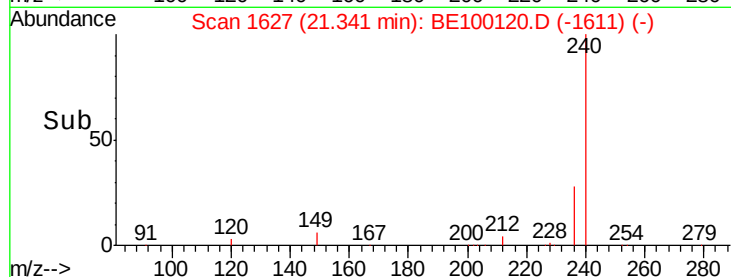
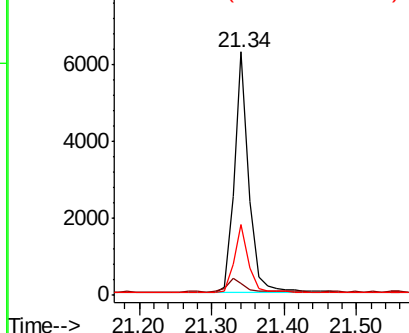
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.34 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: BE100120.D
 Acq: 20 Jun 2019 23:06

Instrument :
 BNA_E
 ClientSampleId :
 DUP-01_061219

Tot Ion:240 Resp: 8992
 Ion Ratio Lower Upper
 240 100
 120 4.8 6.6 10.0#
 236 28.9 23.8 35.6

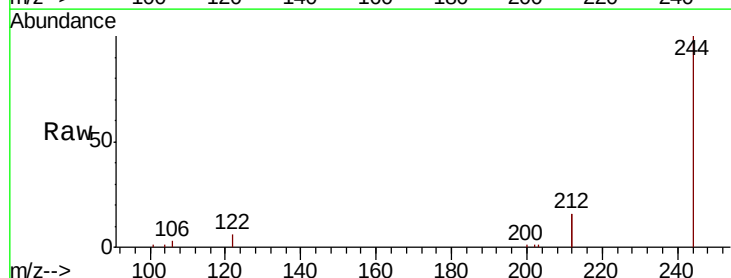


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

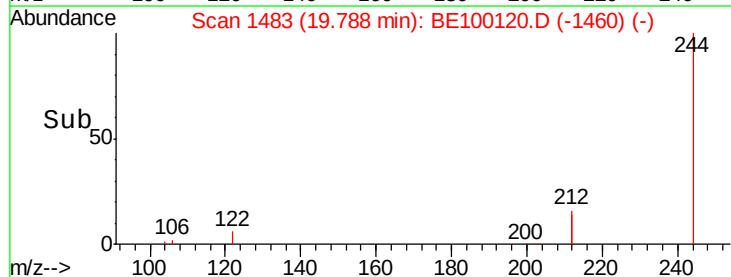
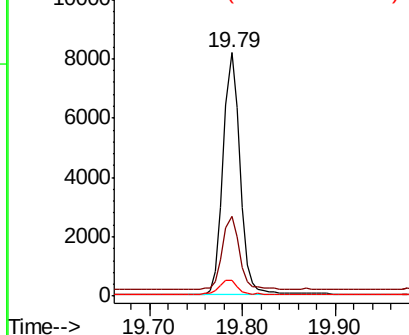


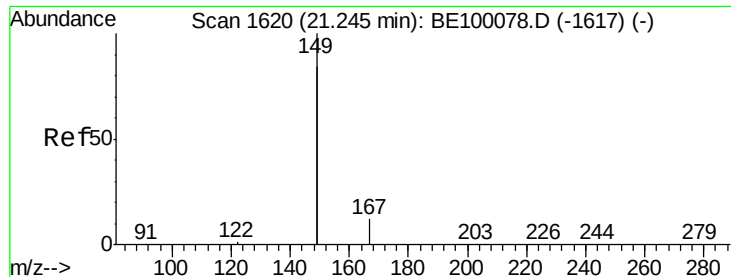
#29
 Terphenyl-d14
 Concen: 0.574 ng
 RT: 19.79 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BE100120.D
 Acq: 20 Jun 2019 23:06

Tgt Ion:244 Resp: 10319
 Ion Ratio Lower Upper
 244 100
 212 32.7 29.8 44.8
 122 6.5 6.1 9.1



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

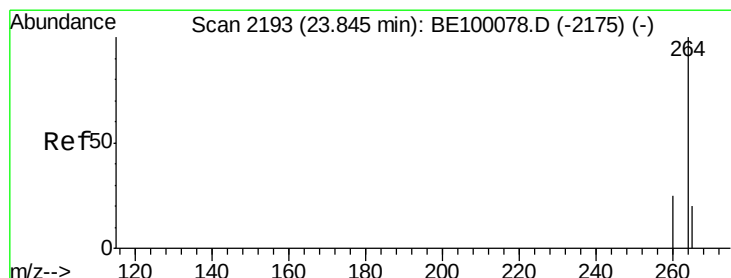
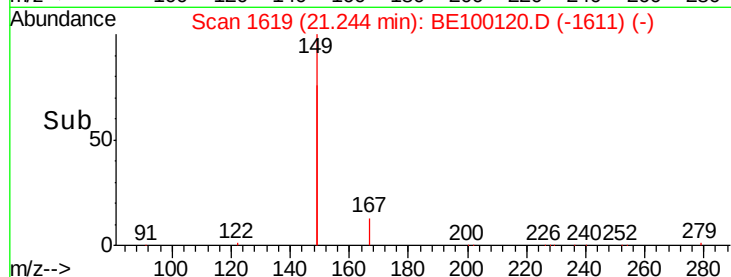
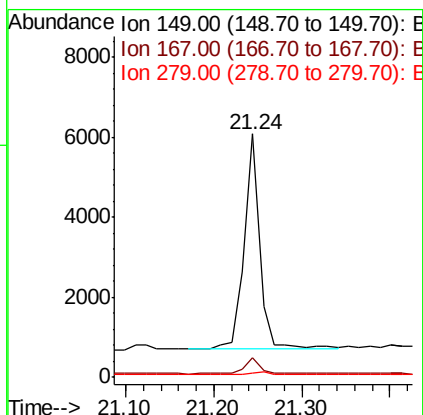
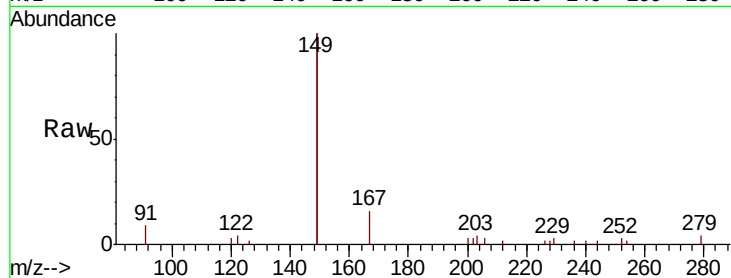




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.266 ng
 RT: 21.24 min Scan# 1619
 Delta R.T. -0.00 min
 Lab File: BE100120.D
 Acq: 20 Jun 2019 23:06

Instrument :
 BNA_E
 ClientSampleId :
 DUP-01_061219

Tot Ion:149 Resp: 6702
 Ion Ratio Lower Upper
 149 100
 167 7.1 5.8 8.6
 279 2.1 1.1 1.7#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.83 min Scan# 2189
 Delta R.T. -0.01 min
 Lab File: BE100120.D
 Acq: 20 Jun 2019 23:06

Tgt Ion:264 Resp: 10189
 Ion Ratio Lower Upper
 264 100
 260 25.4 20.8 31.2
 265 28.6 23.2 34.8

