

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE072319\
 Data File : BE100500.D
 Acq On : 23 Jul 2019 14:20
 Operator : HP/JU
 Sample : K3841-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190715

Quant Time: Jul 24 12:59:06 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE072219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 08:06:59 2019
 Response via : Initial Calibration

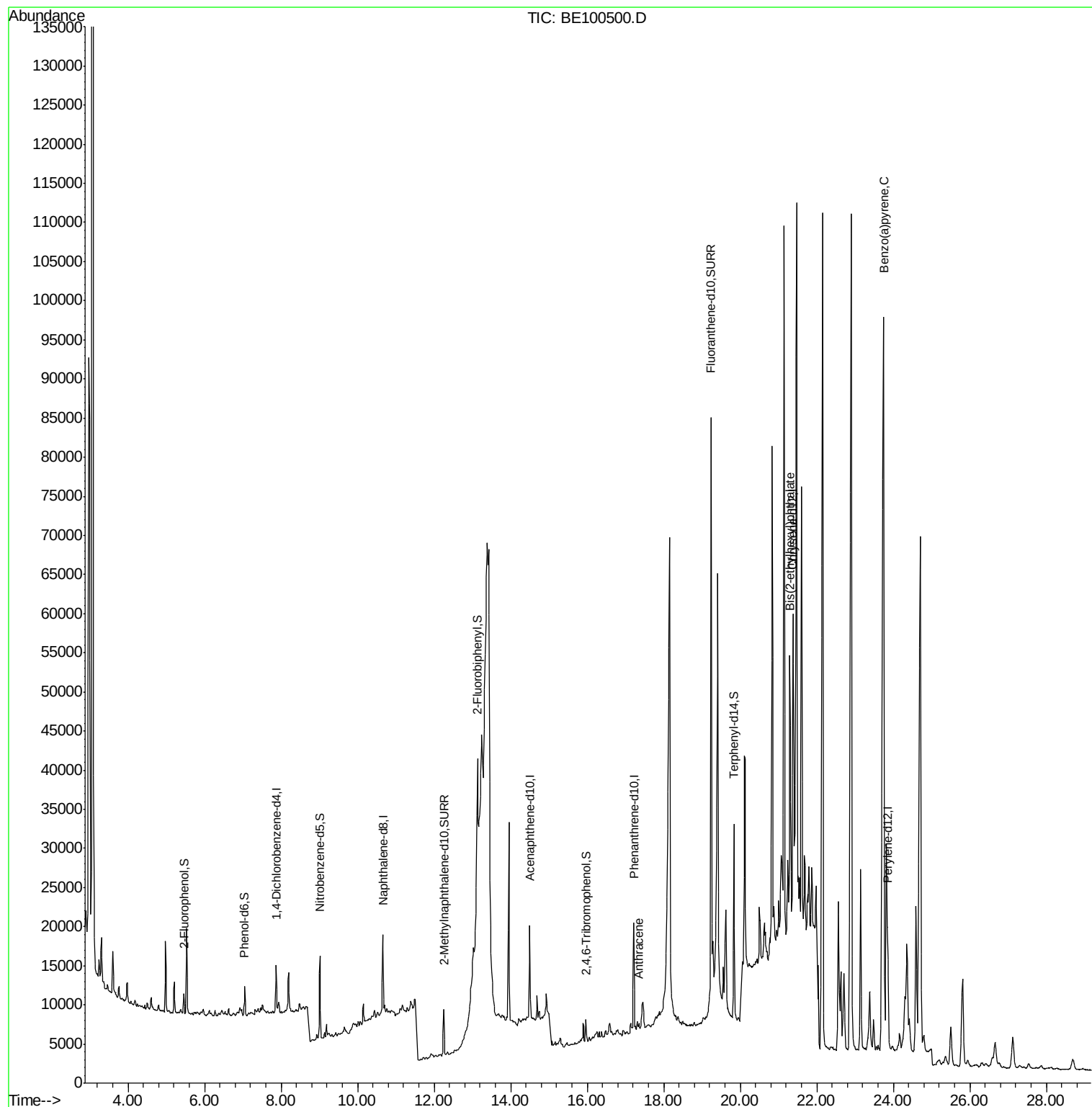
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	2956	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	11782	0.40	ng	0.00
13) Acenaphthene-d10	14.50	164	7314	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	18023	0.40	ng	0.00
27) Chrysene-d12	21.38	240	22861	0.40	ng	0.00
34) Perylene-d12	23.85	264	21782	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	1410	0.20	ng	0.00
5) Phenol-d6	7.03	99	1220	0.12	ng	0.00
8) Nitrobenzene-d5	9.02	82	4288	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	7217	0.37	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1778	0.56	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	14405	0.48	ng	0.00
25) Fluoranthene-d10	19.23	212	101382	0.41	ng	0.00
29) Terphenyl-d14	19.83	244	20335	0.36	ng	0.00
Target Compounds						
24) Anthracene	17.35	178	1223	0.029	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.29	149	53422	0.333	ng	# 96
37) Benzo(a)pyrene	23.74	252	24538	0.423	ng	# 1

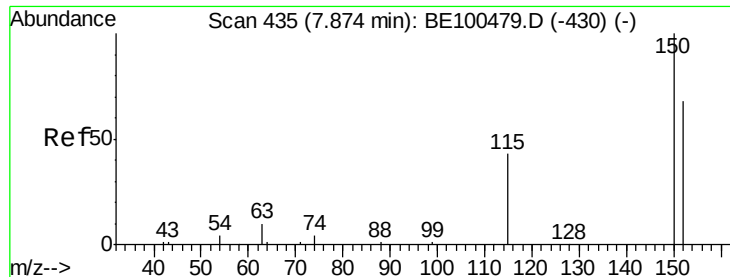
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.87 min Scan# 435

Delta R.T. -0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

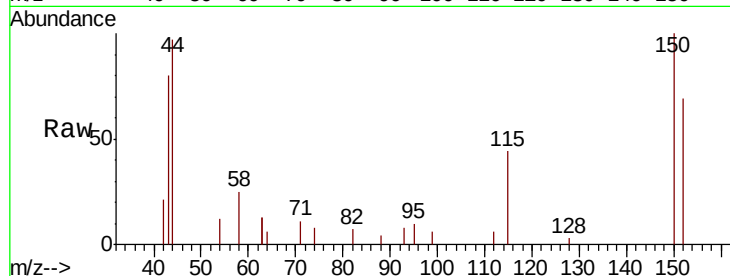
Tot Ion:152 Resp: 2956

Ion Ratio Lower Upper

152 100

150 144.3 115.0 172.6

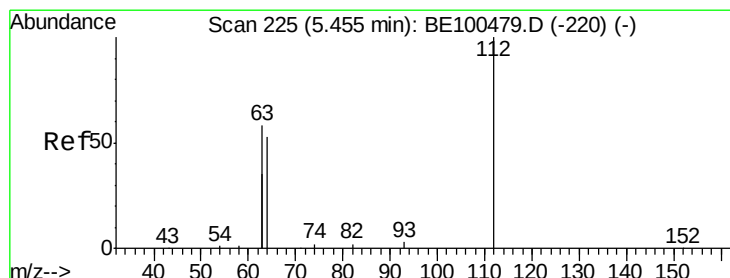
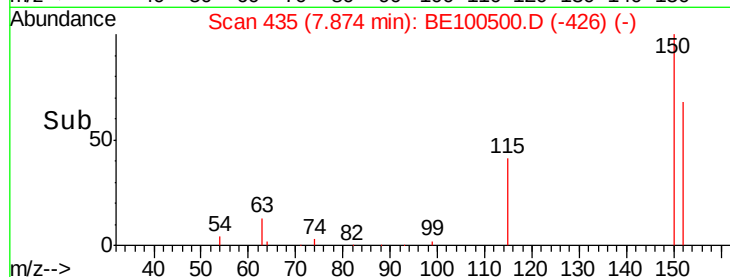
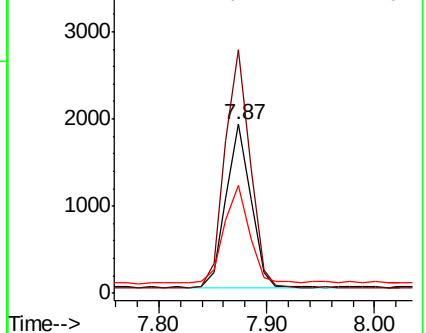
115 63.9 52.9 79.3



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: 0.196 ng

RT: 5.46 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

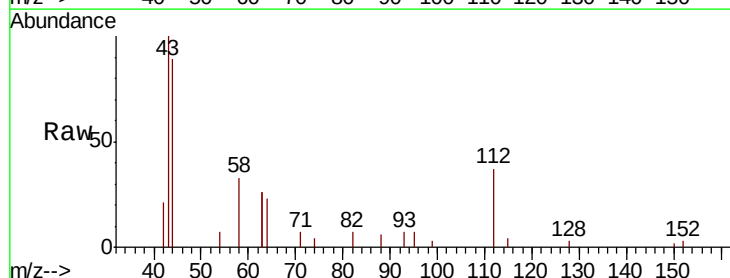
Tgt Ion:112 Resp: 1410

Ion Ratio Lower Upper

112 100

64 66.5 54.1 81.1

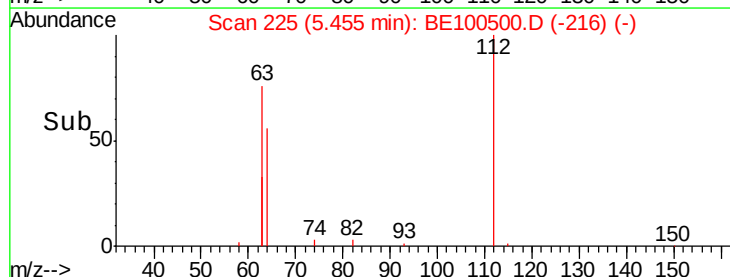
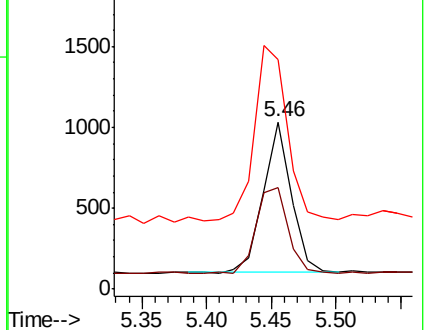
63 134.8 104.6 157.0

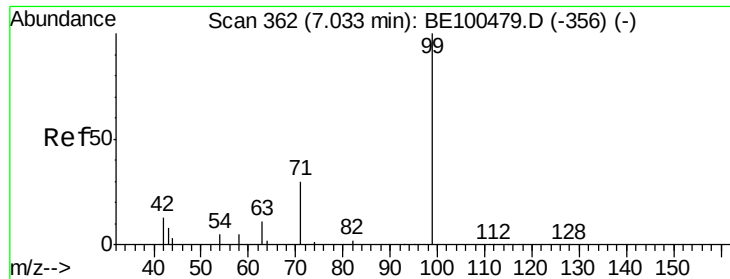


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.118 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

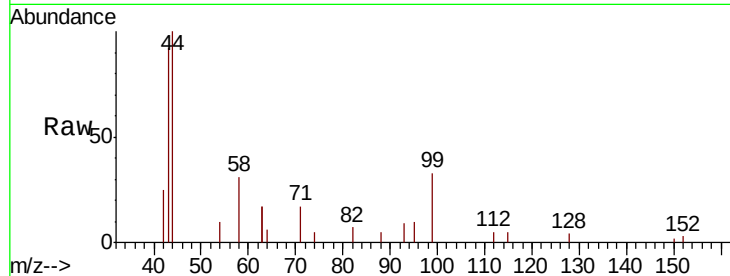
Tot Ion: 99 Resp: 1220

Ion Ratio Lower Upper

99 100

42 33.7 14.5 21.7#

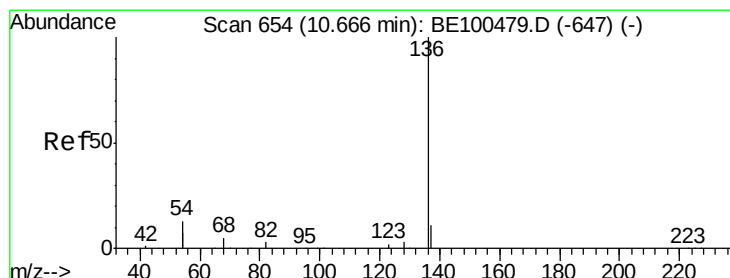
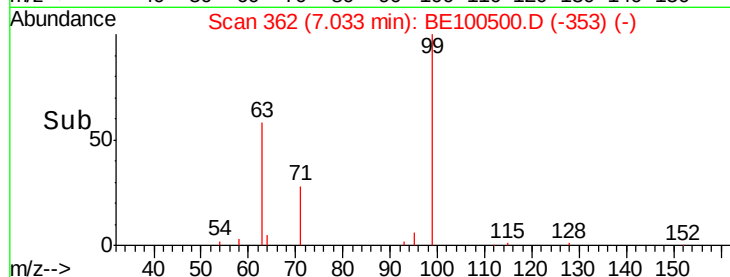
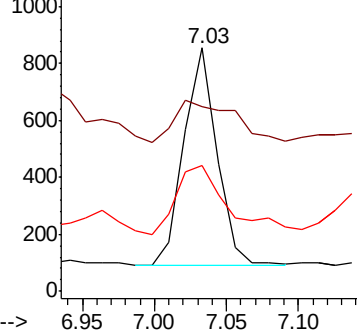
71 49.1 26.4 39.6#



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: 10.67 min Scan# 654

Delta R.T. -0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Tgt Ion: 136 Resp: 11782

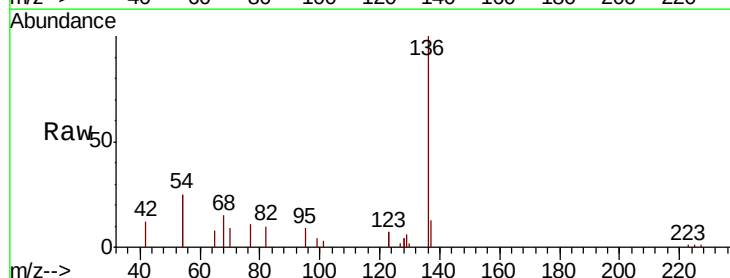
Ion Ratio Lower Upper

136 100

137 12.7 9.8 14.6

54 50.7 20.6 31.0#

68 15.4 5.3 7.9#

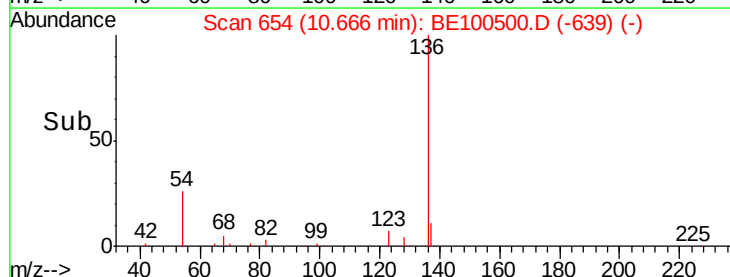
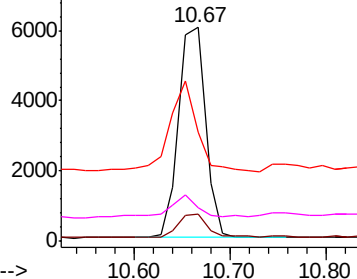


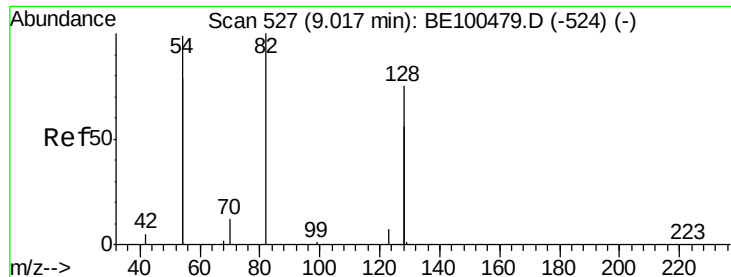
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.438 ng

RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

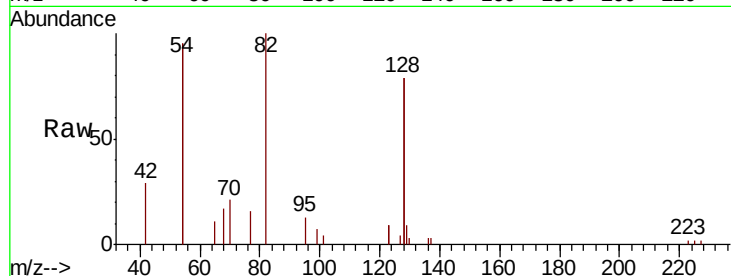
Tot Ion: 82 Resp: 4288

Ion Ratio Lower Upper

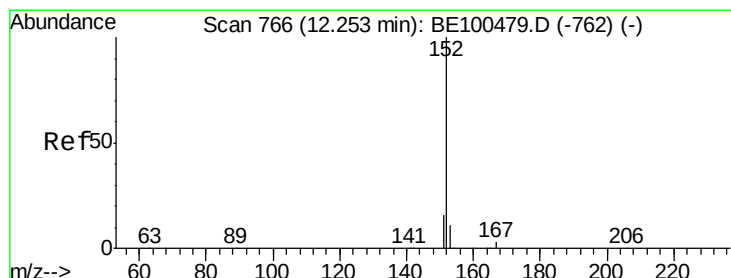
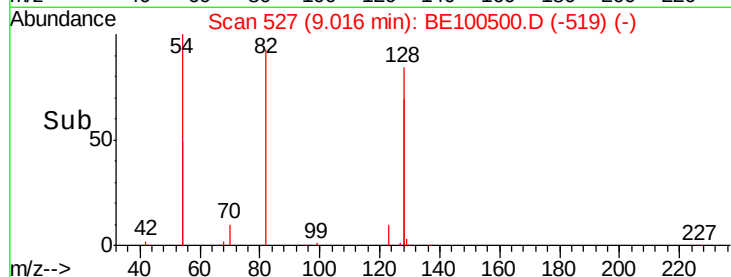
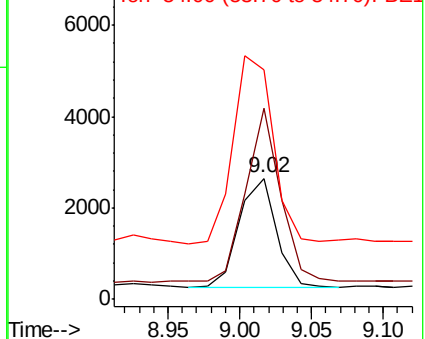
82 100

128 158.2 113.6 170.4

54 189.4 150.6 226.0



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



#11

2-Methylnaphthalene-d10

Concen: 0.370 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.00 min

Lab File: BE100500.D

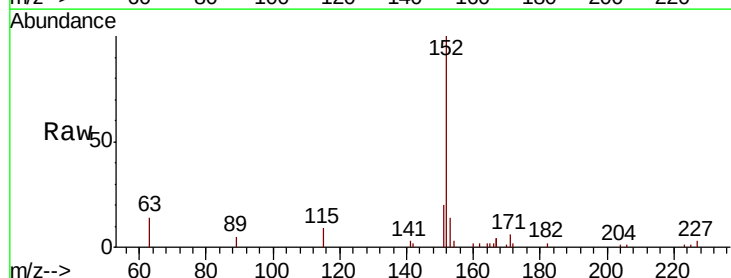
Acq: 23 Jul 2019 14:20

Tgt Ion: 152 Resp: 7217

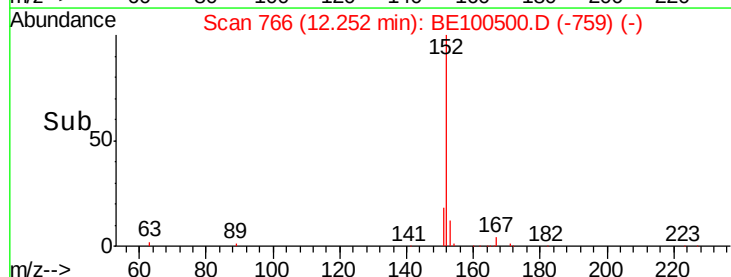
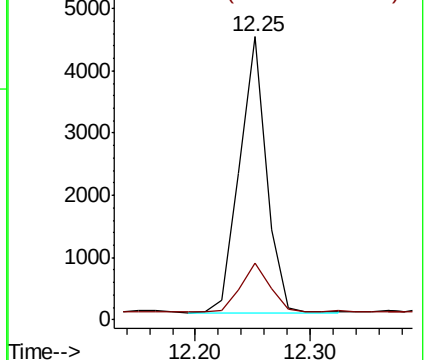
Ion Ratio Lower Upper

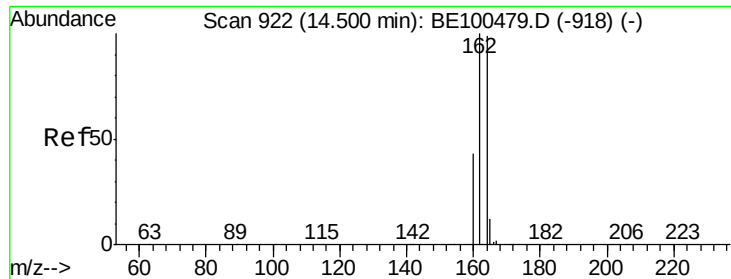
152 100

151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): BE1
Ion 151.00 (150.70 to 151.70): BE1

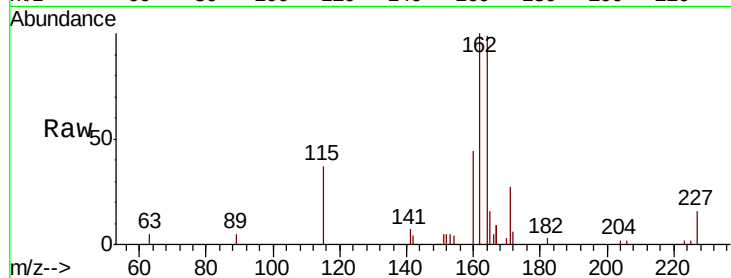




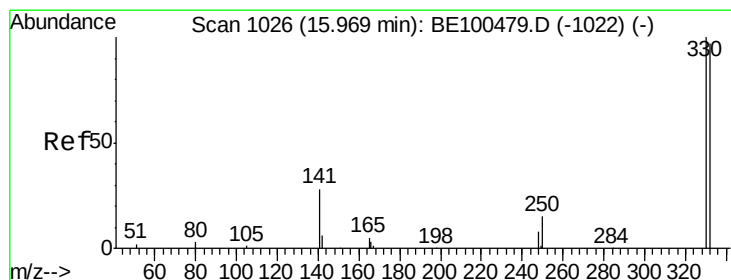
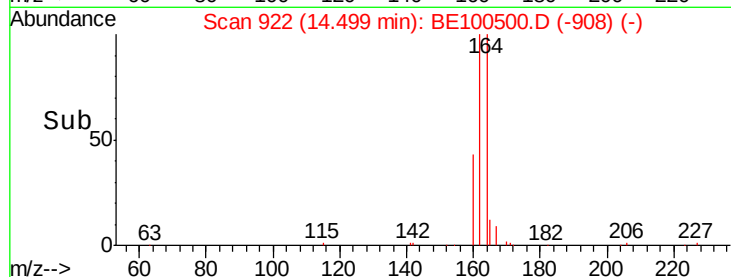
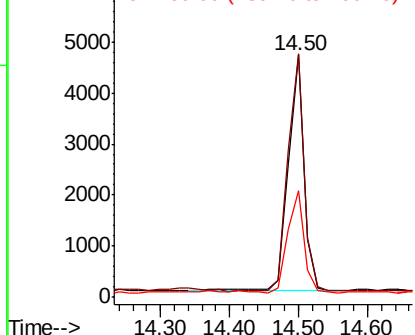
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190715

Tot Ion:164 Resp: 7314
Ion Ratio Lower Upper
164 100
162 100.6 80.8 121.2
160 43.9 34.9 52.3

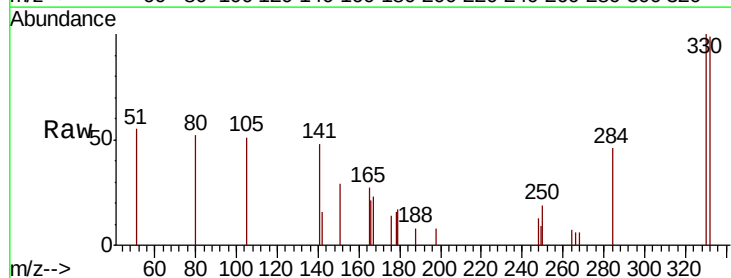


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

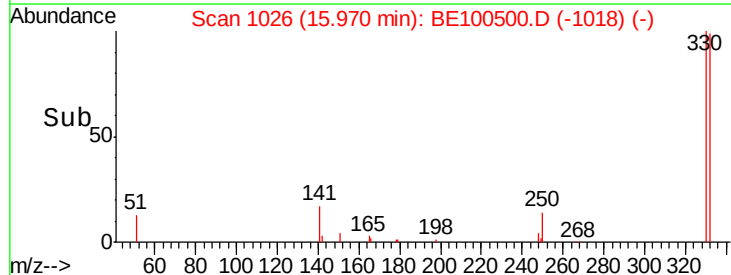
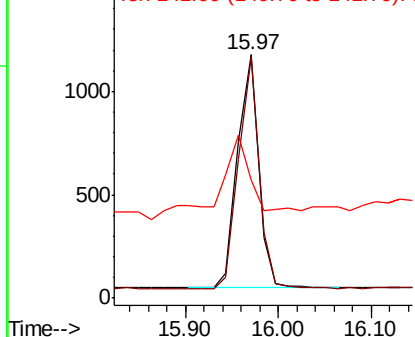


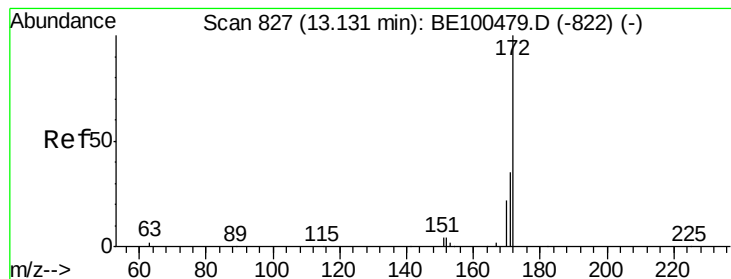
#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

Tgt Ion:330 Resp: 1778
Ion Ratio Lower Upper
330 100
332 96.5 80.5 120.7
141 30.5 29.9 44.9



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

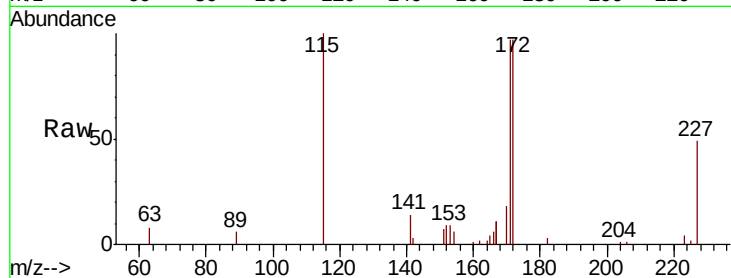




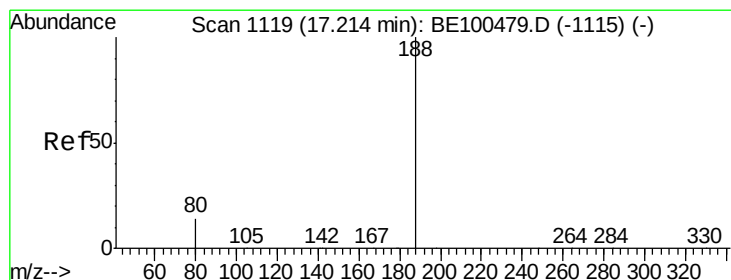
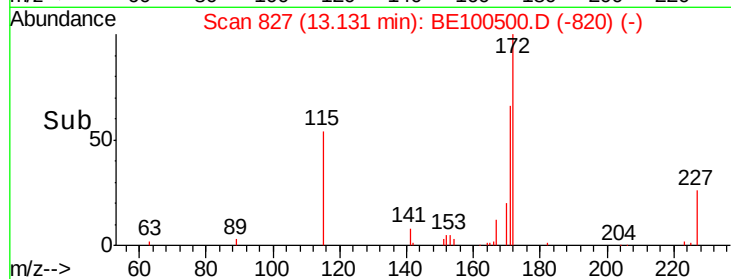
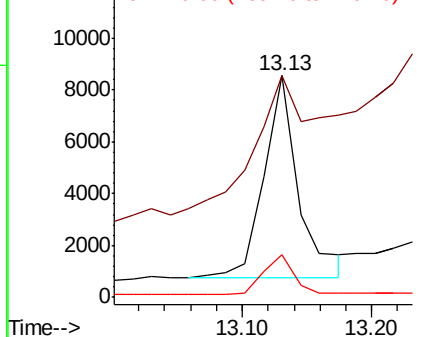
#15
2-Fluorobiphenyl
Concen: 0.484 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190715

Tot Ion:172 Resp: 14405
Ion Ratio Lower Upper
172 100
171 99.9 28.2 42.2#
170 19.0 17.8 26.8

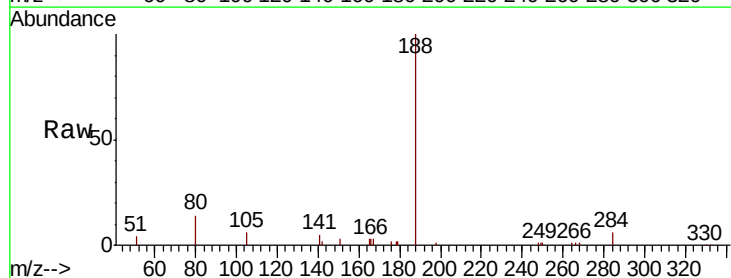


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

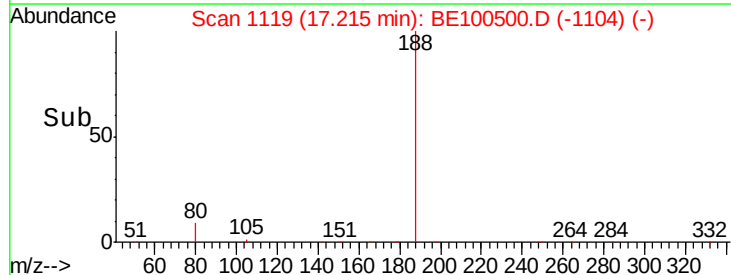
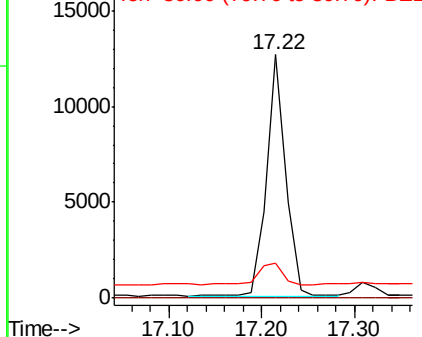


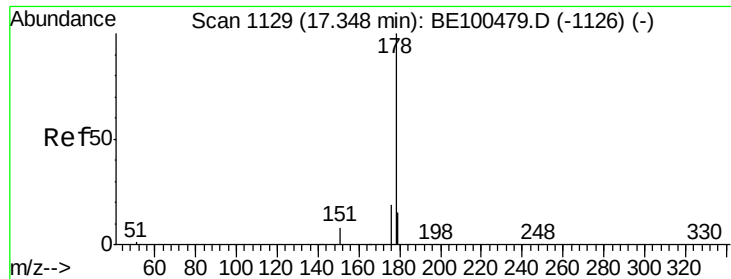
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

Tgt Ion:188 Resp: 18023
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.4 11.9 17.9



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





#24

Anthracene

Concen: 0.029 ng

RT: 17.35 min Scan# 1129

Delta R.T. 0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

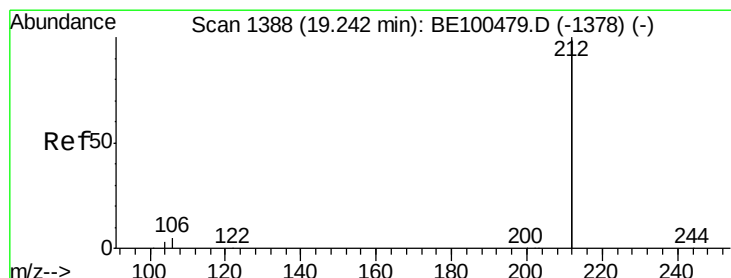
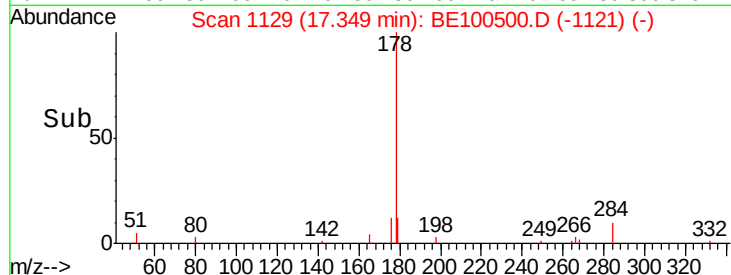
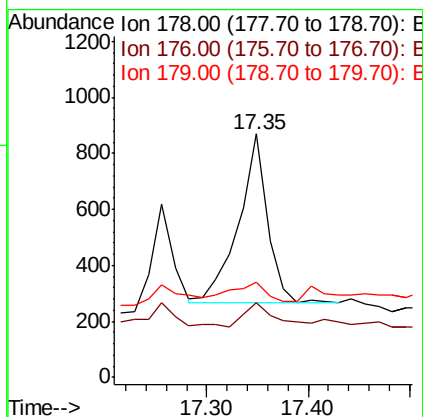
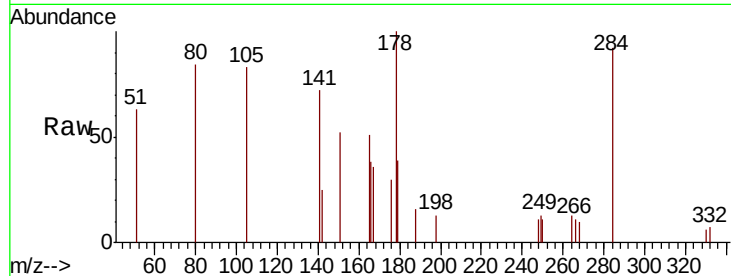
Tot Ion:178 Resp: 1223

Ion Ratio Lower Upper

178 100

176 11.0 15.3 22.9#

179 14.0 12.2 18.2



#25

Fluoranthene-d10

Concen: 0.411 ng

RT: 19.23 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

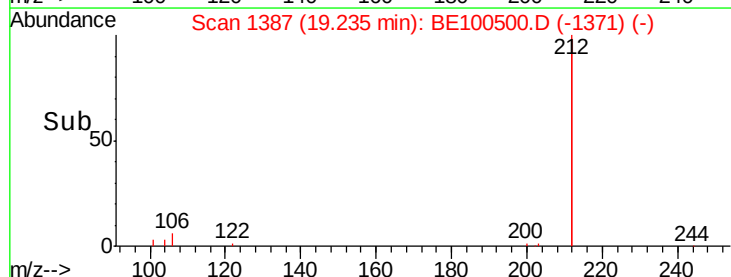
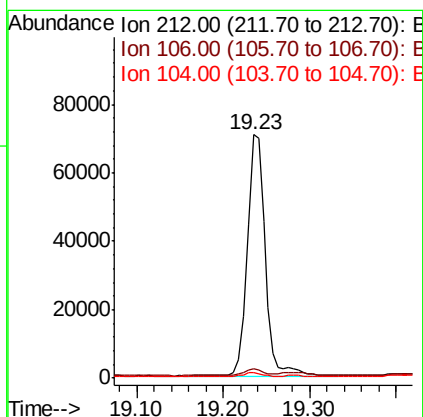
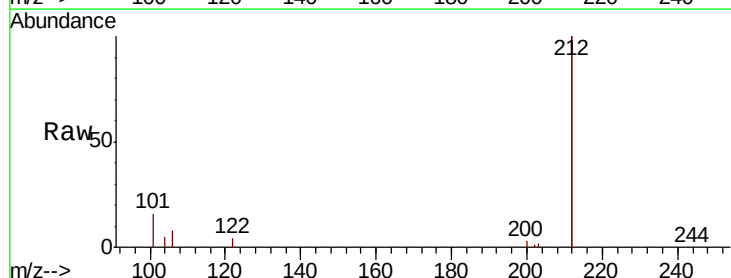
Tgt Ion:212 Resp: 101382

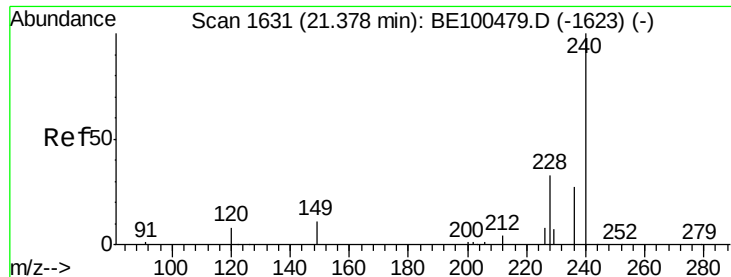
Ion Ratio Lower Upper

212 100

106 3.6 2.2 3.4#

104 2.0 1.2 1.8#





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.38 min Scan# 1631

Delta R.T. -0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

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KY038PS027-190715

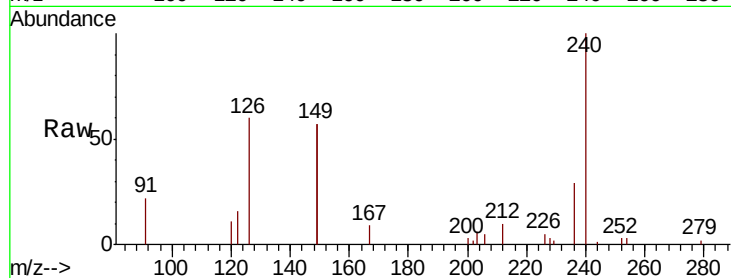
Tot Ion:240 Resp: 22861

Ion Ratio Lower Upper

240 100

120 10.6 8.2 12.2

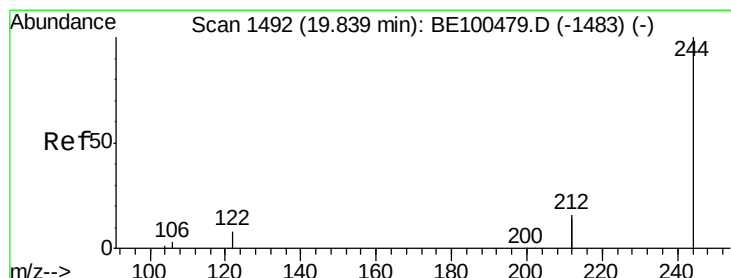
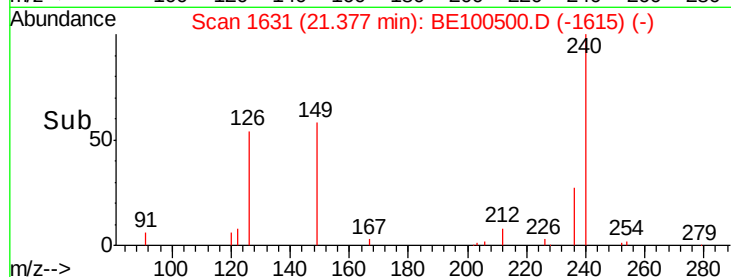
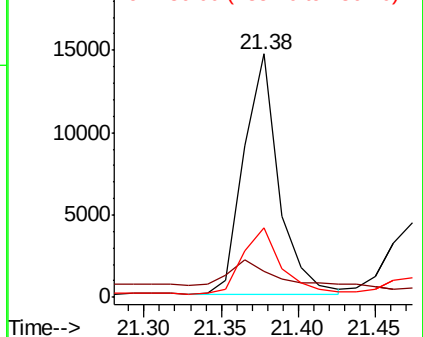
236 28.5 22.6 34.0



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: 0.360 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

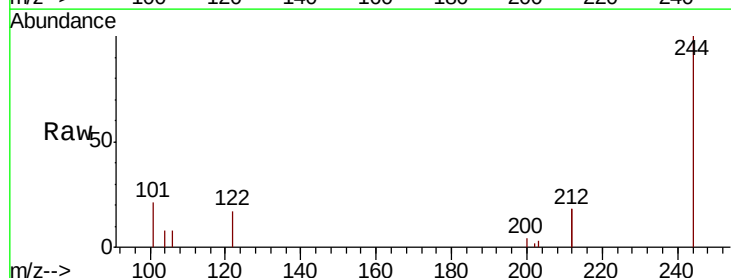
Tgt Ion:244 Resp: 20335

Ion Ratio Lower Upper

244 100

212 36.7 25.6 38.4

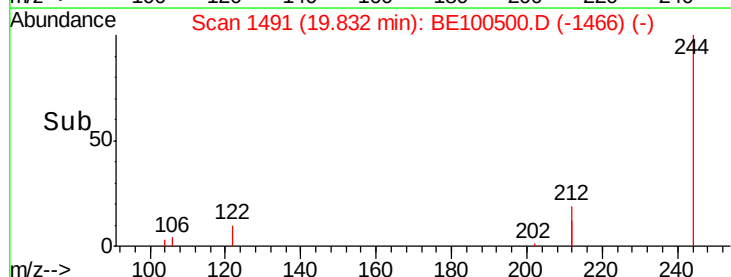
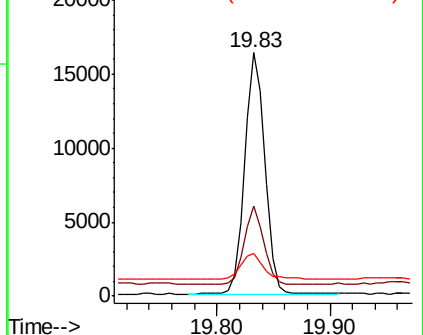
122 17.3 7.2 10.8#

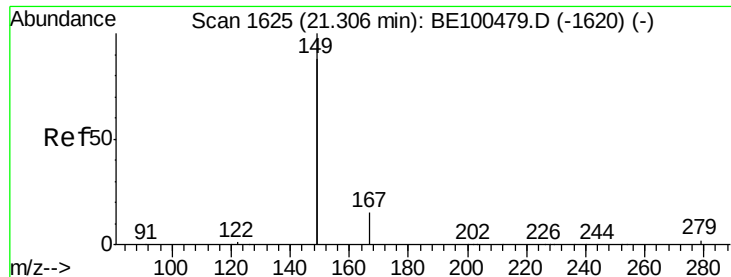


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

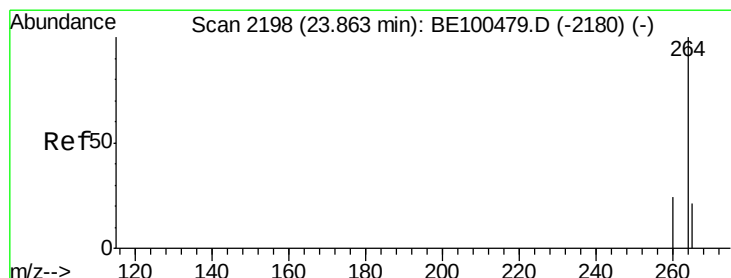
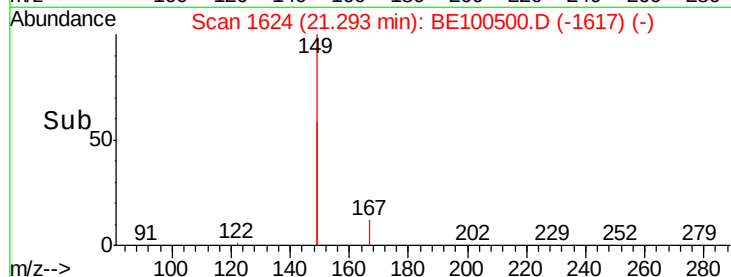
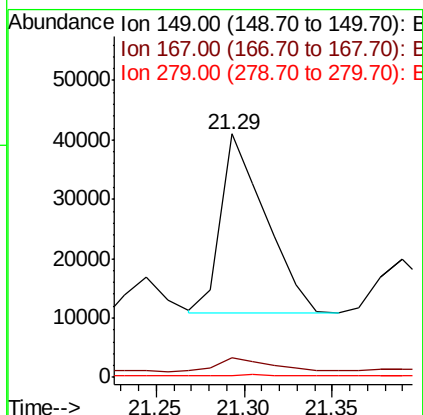
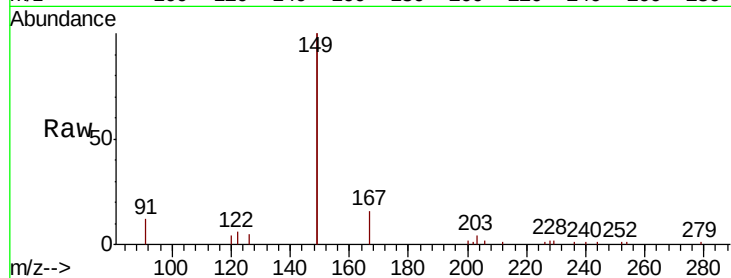




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.333 ng
 RT: 21.29 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BE100500.D
 Acq: 23 Jul 2019 14:20

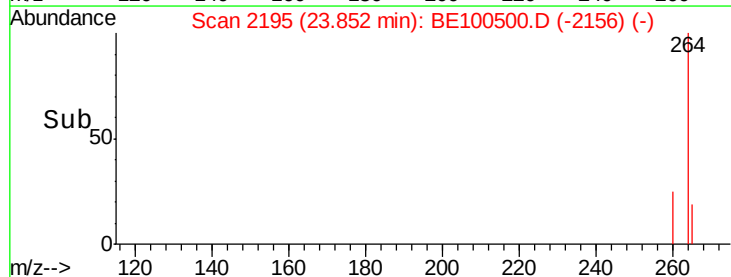
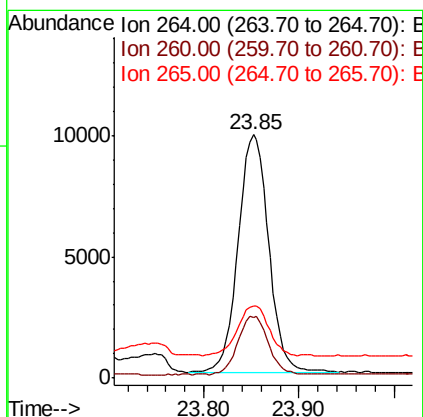
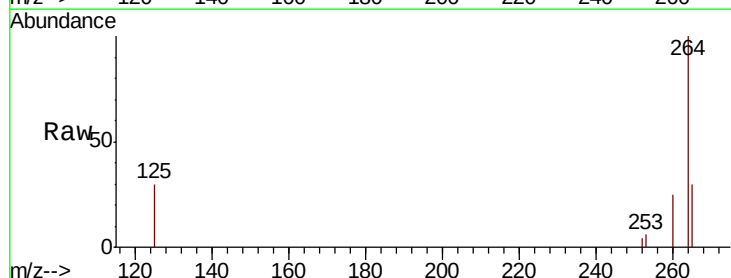
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-190715

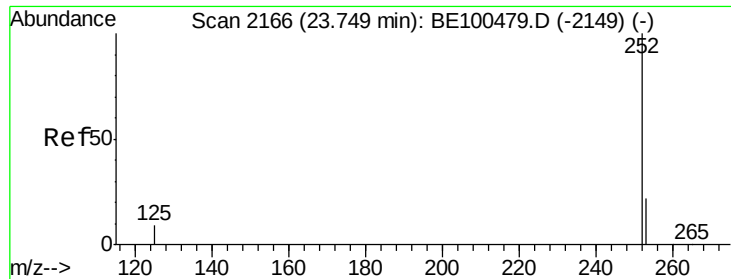
Tot Ion:149 Resp: 53422
 Ion Ratio Lower Upper
 149 100
 167 8.9 5.9 8.9#
 279 1.0 1.0 1.6#



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.85 min Scan# 2195
 Delta R.T. -0.01 min
 Lab File: BE100500.D
 Acq: 23 Jul 2019 14:20

Tgt Ion:264 Resp: 21782
 Ion Ratio Lower Upper
 264 100
 260 24.8 20.7 31.1
 265 29.8 23.4 35.2





#37

Benzo(a)pyrene

Concen: 0.423 ng

RT: 23.74 min Scan# 2165

Delta R.T. -0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

Tot Ion: 252 Resp: 24538

Ion Ratio Lower Upper

252 100

253 245.1 20.0 30.0#

125 881.5 14.1 21.1#

