

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 02:06:52 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

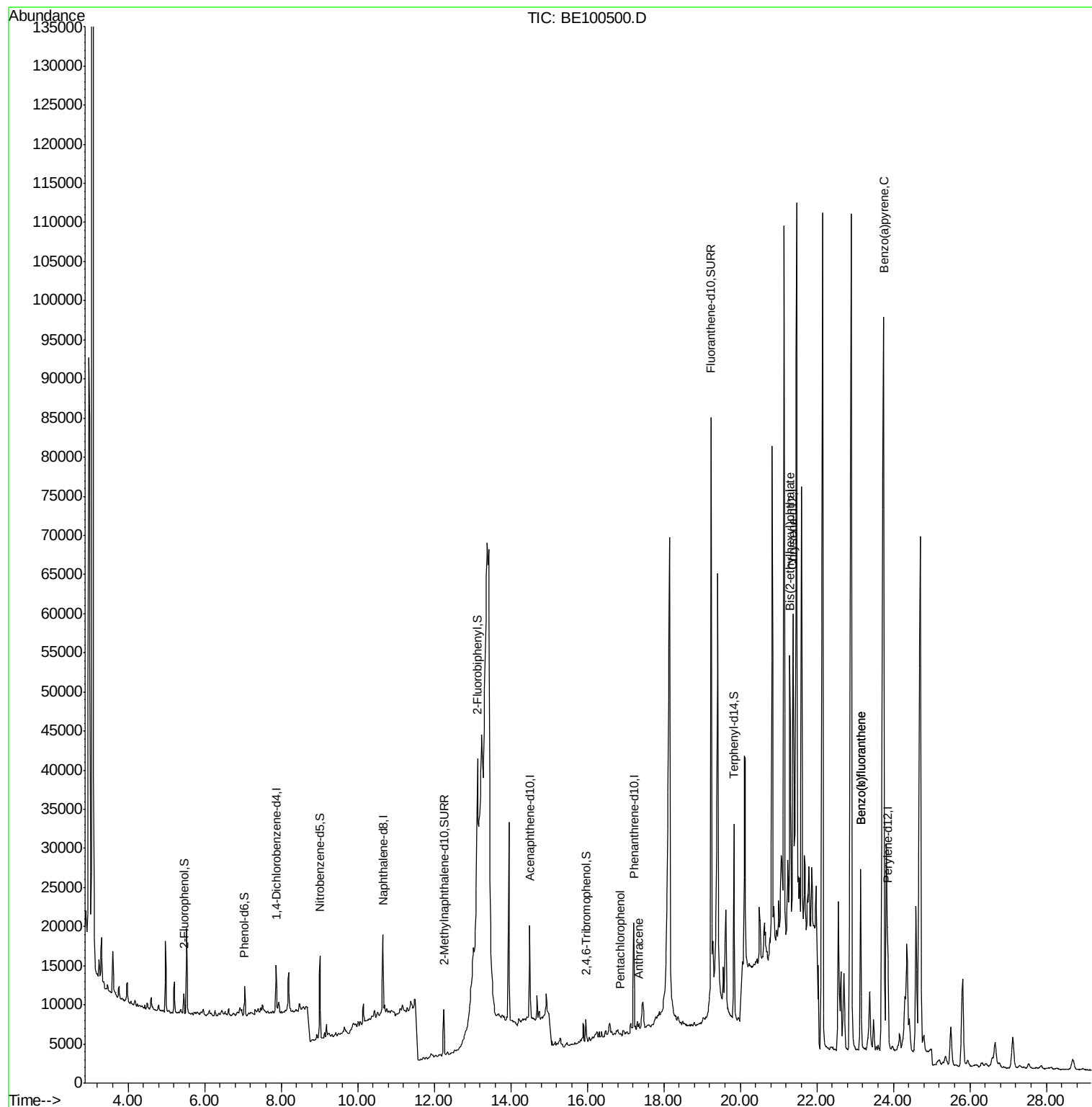
					Qvalue
2) 1,4-Dioxane	3.36	88	506	Below Cal	# 83
22) Pentachlorophenol	16.87	266	59	0.164 ng	# 63
24) Anthracene	17.35	178	1223	0.029 ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.29	149	53422	0.333 ng	# 96
35) Benzo(b)fluoranthene	23.15	252	3109	0.052 ng	# 1
36) Benzo(k)fluoranthene	23.15	252	3109	0.050 ng	# 1
37) Benzo(a)pyrene	23.74	252	24538	0.423 ng	# 1

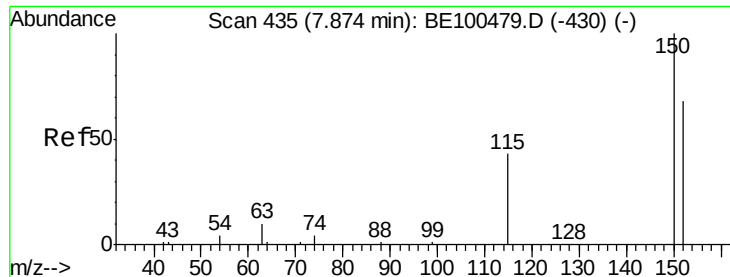
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

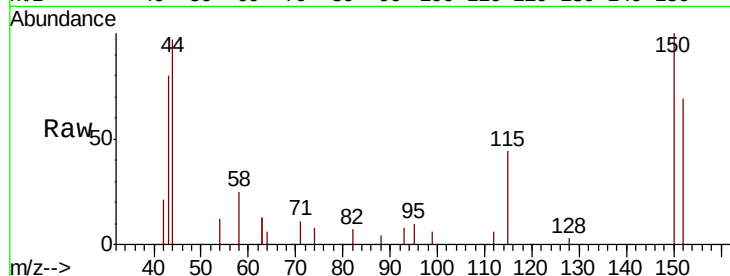
Tgt Ion:152 Resp: 2956

Ion Ratio Lower Upper

152 100

150 144.3 115.0 172.6

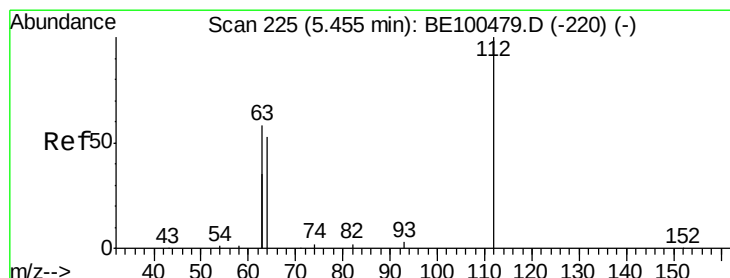
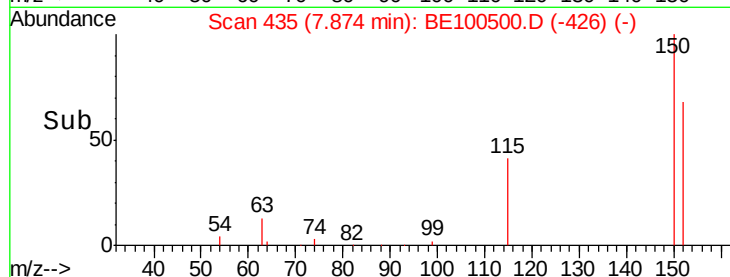
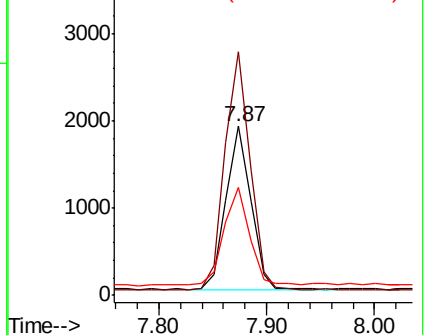
115 63.9 52.9 79.3



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

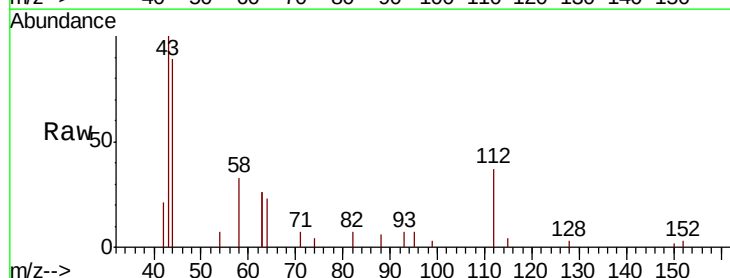
Tgt Ion:112 Resp: 1410

Ion Ratio Lower Upper

112 100

64 66.5 54.1 81.1

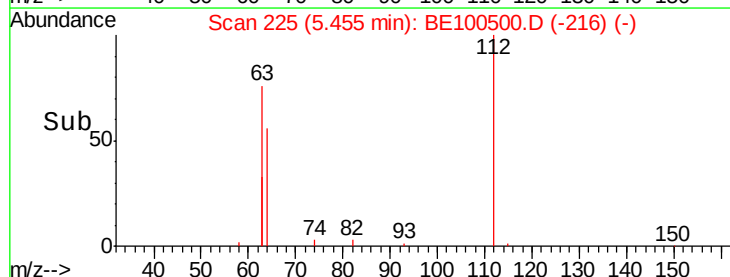
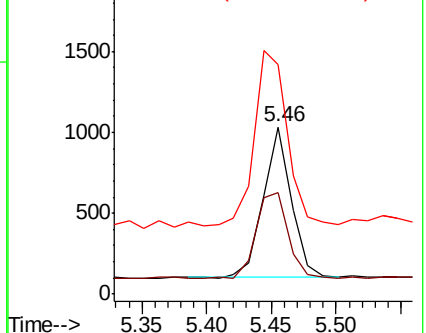
63 134.8 104.6 157.0

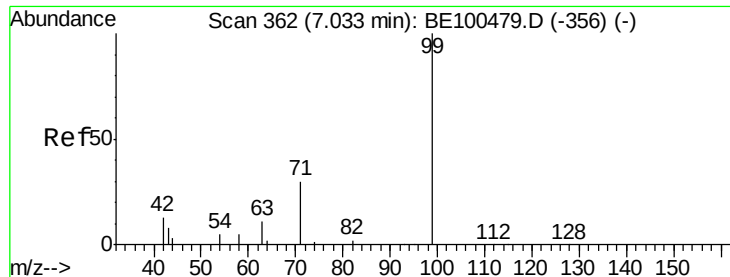


Abundance Ion 112.00 (111.70 to 112.70): E

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

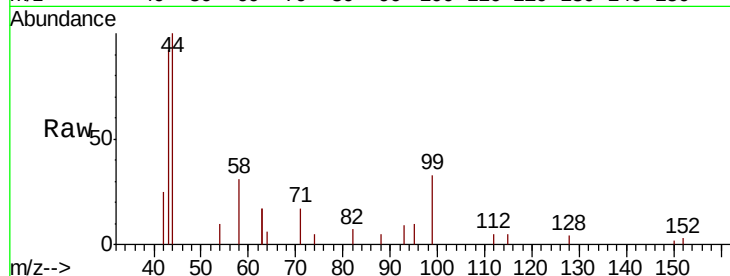
Tgt Ion: 99 Resp: 1220

Ion Ratio Lower Upper

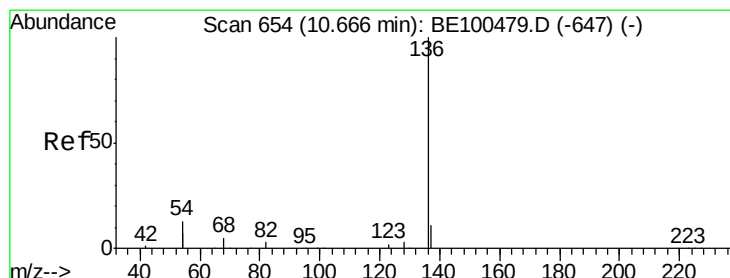
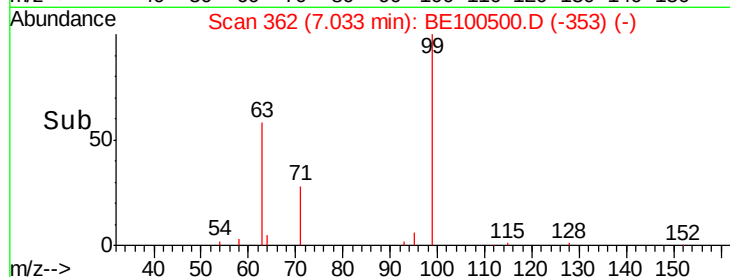
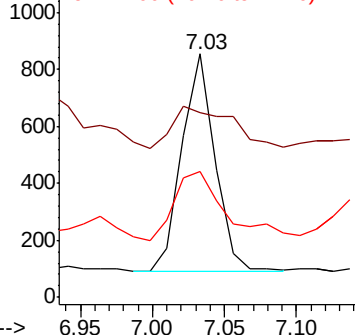
99 100

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

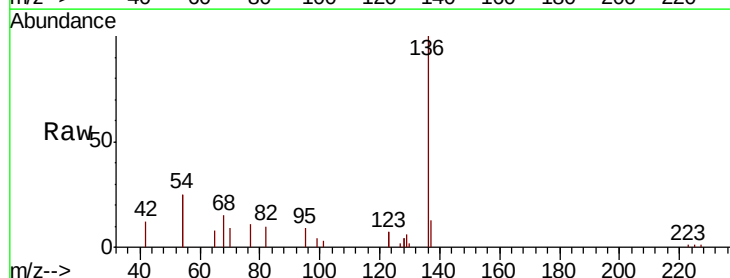
Ion Ratio Lower Upper

136 100

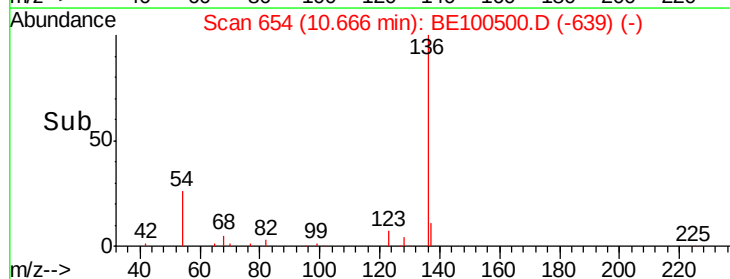
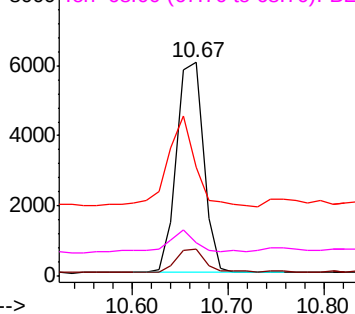
137 12.7 9.8 14.6

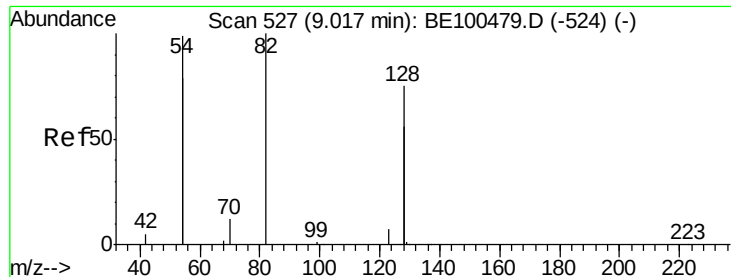
54 50.7 20.6 31.0#

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

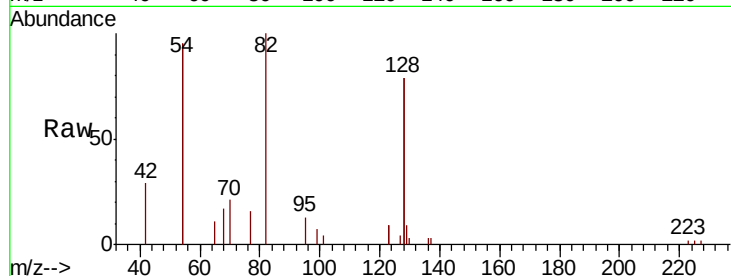
Tgt Ion: 82 Resp: 4288

Ion Ratio Lower Upper

82 100

128 158.2 113.6 170.4

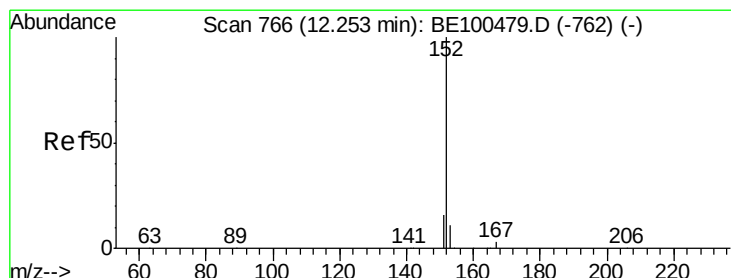
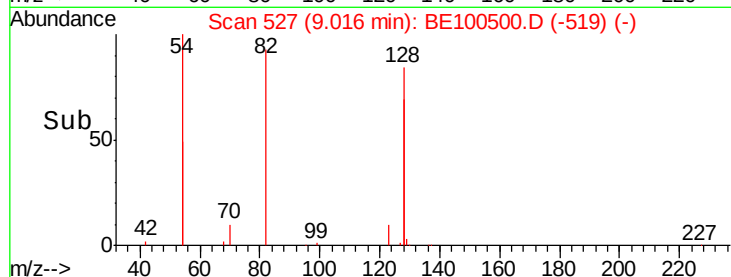
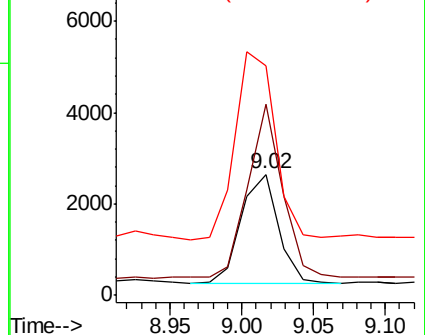
54 189.4 150.6 226.0



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

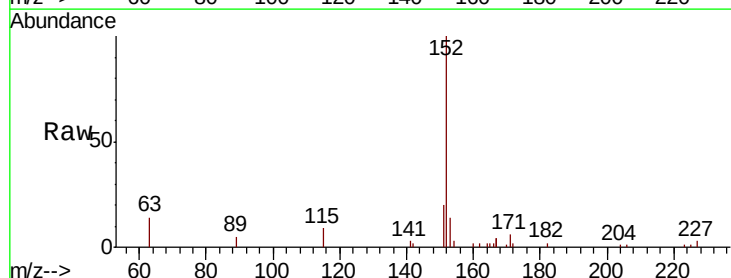
Acq: 23 Jul 2019 14:20

Tgt Ion: 152 Resp: 7217

Ion Ratio Lower Upper

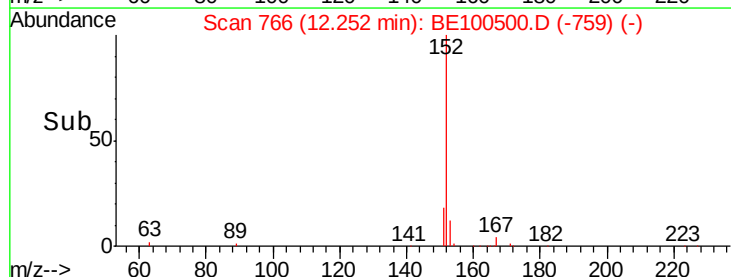
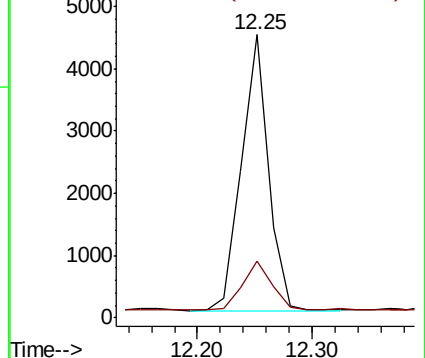
152 100

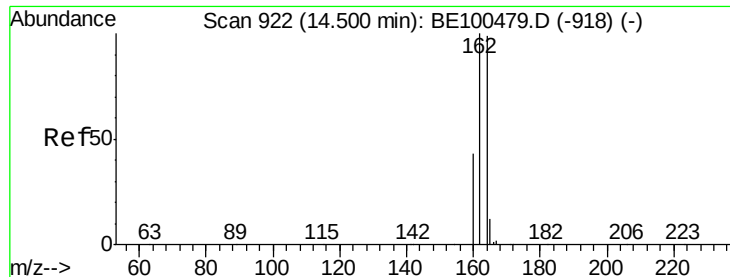
151 19.6 15.1 22.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

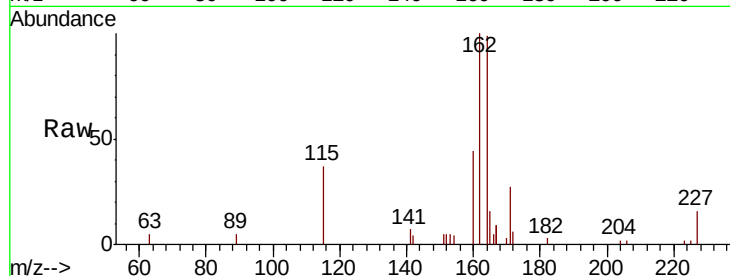




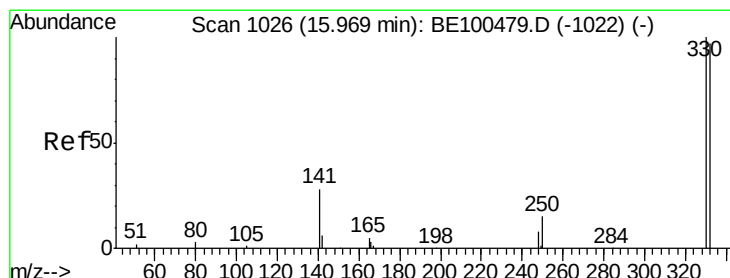
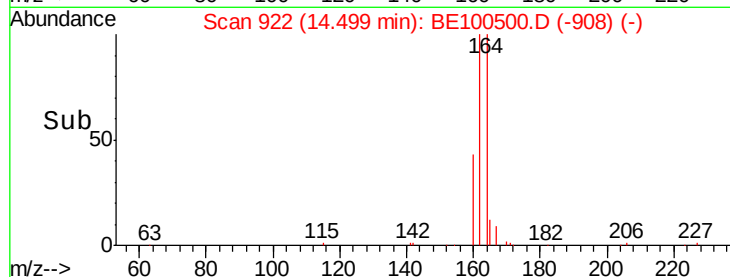
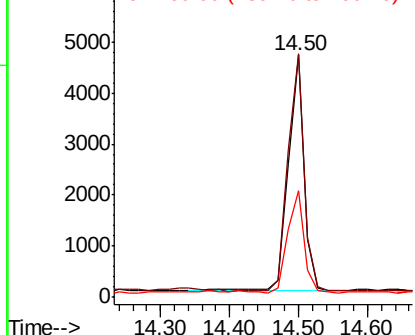
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 922
Delta R.T. -0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190715

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

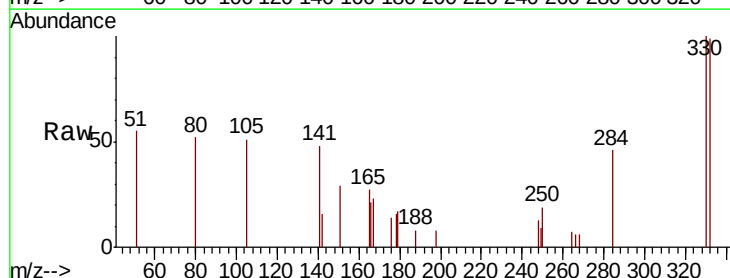


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

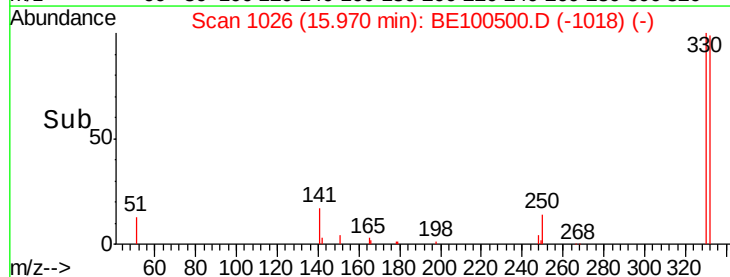
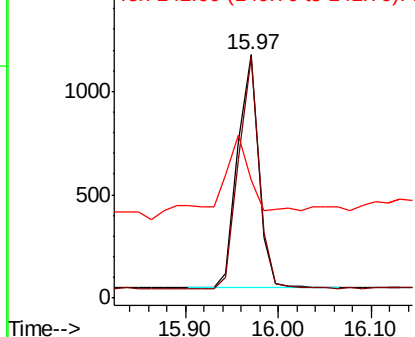


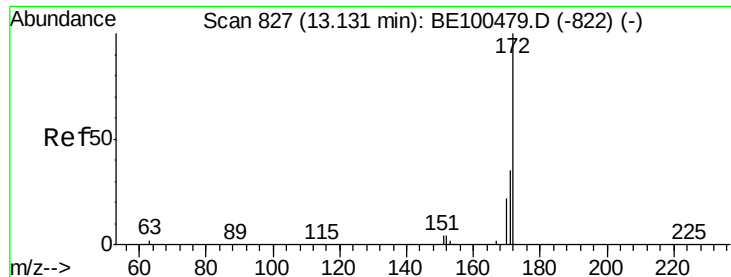
#14
2,4,6-Tribromophenol
Concen: 0.561 ng
RT: 15.97 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

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

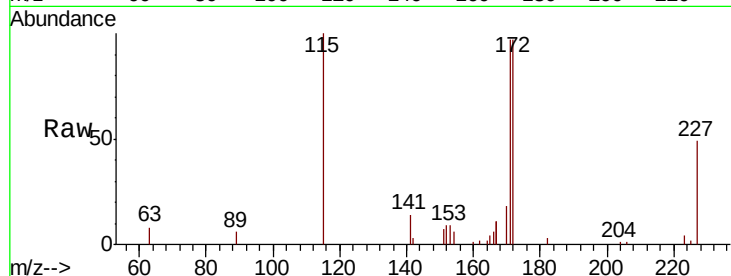




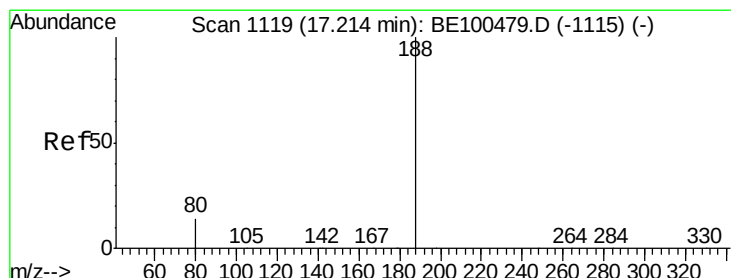
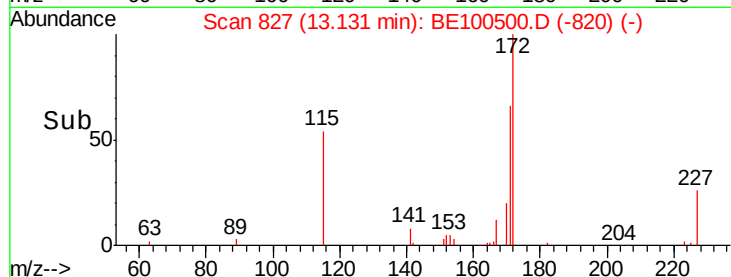
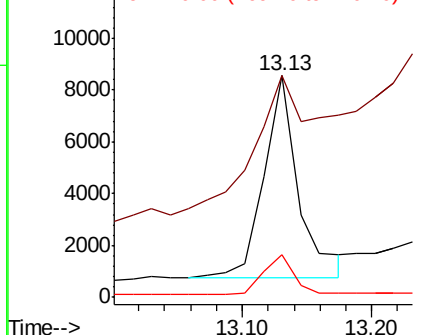
#15
2-Fluorobiphenyl
Concen: 0.484 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190715

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

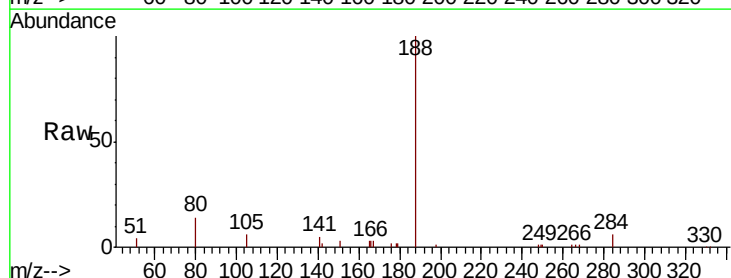


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

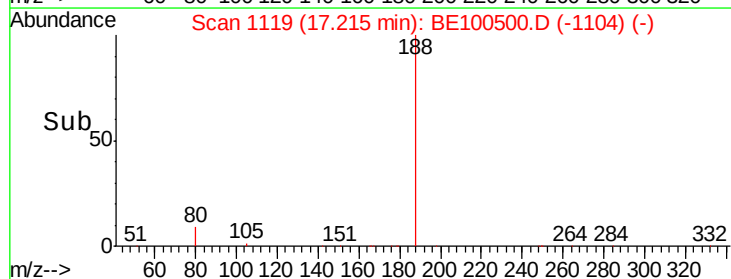
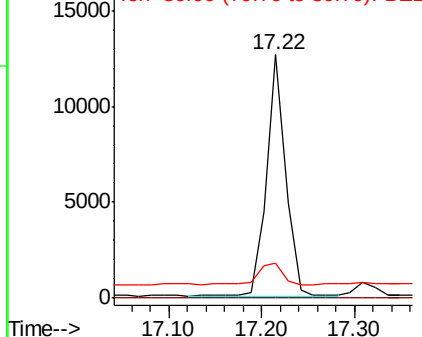


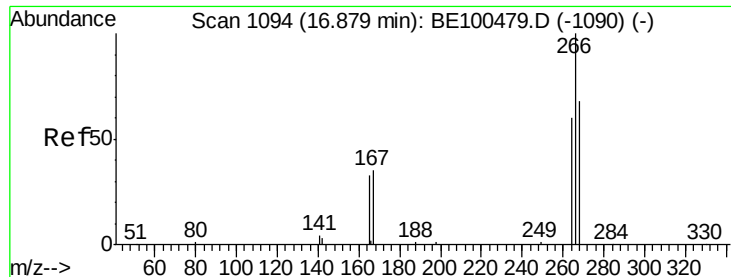
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.22 min Scan# 1119
Delta R.T. 0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

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





#22

Pentachlorophenol

Concen: 0.164 ng

RT: 16.87 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

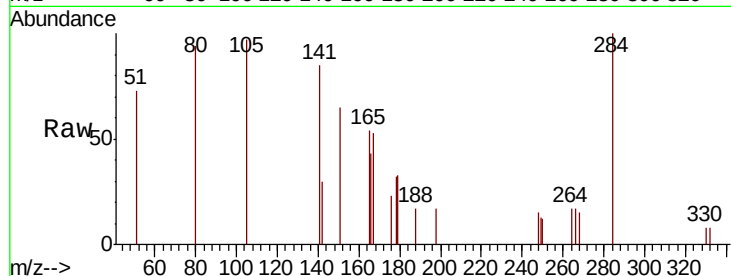
Tgt Ion:266 Resp: 59

Ion Ratio Lower Upper

266 100

264 101.8 50.4 75.6#

268 92.1 56.6 85.0#

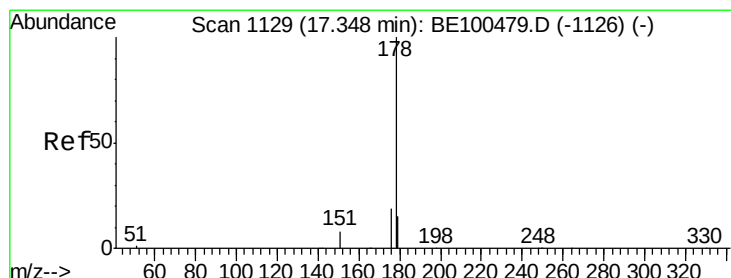
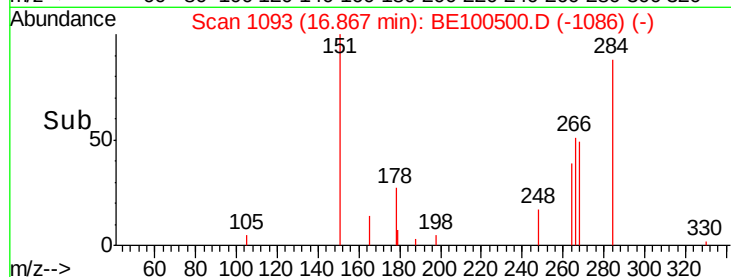
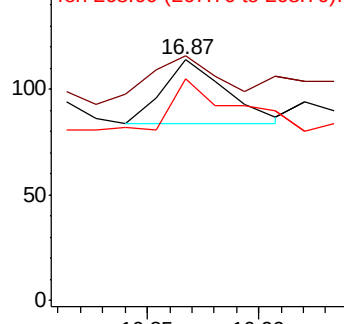


Abundance

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



#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

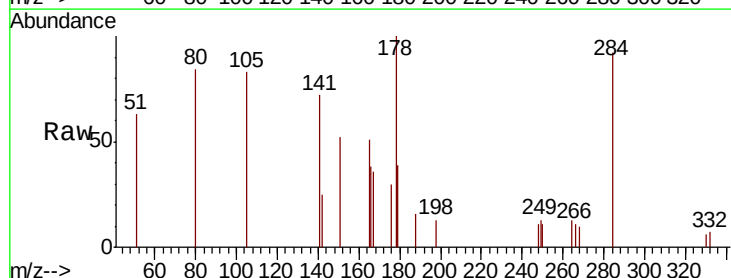
Tgt Ion:178 Resp: 1223

Ion Ratio Lower Upper

178 100

176 11.0 15.3 22.9#

179 14.0 12.2 18.2

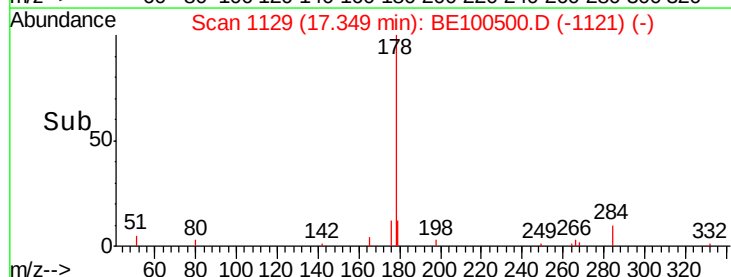
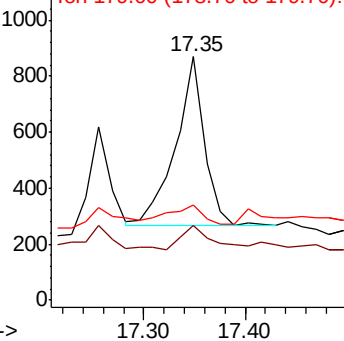


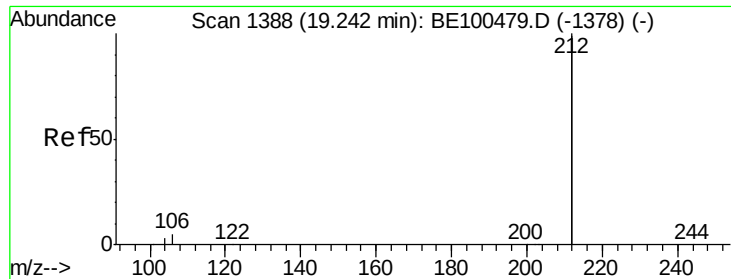
Abundance

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

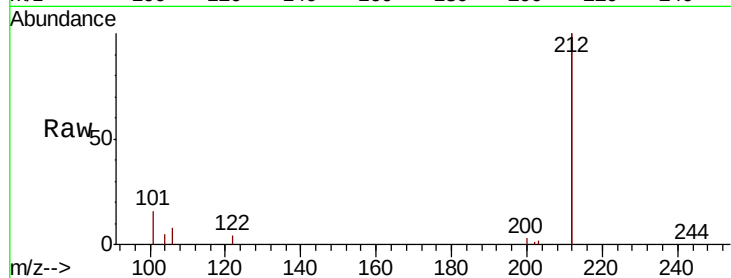




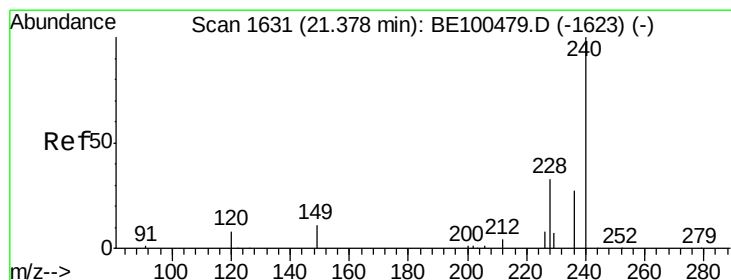
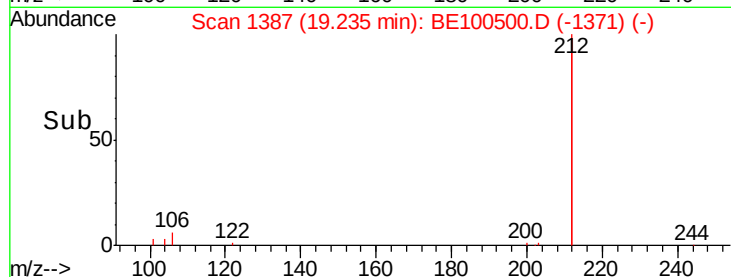
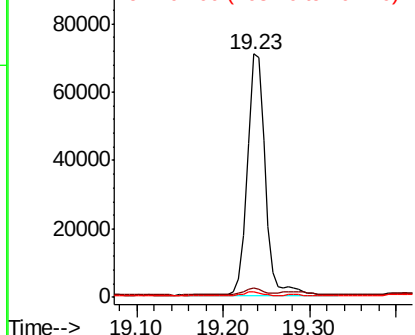
#25
Fluoranthene-d10
Concen: 0.411 ng
RT: 19.23 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

Instrument :
BNA_E
ClientSampleId :
KY038PS027-190715

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#

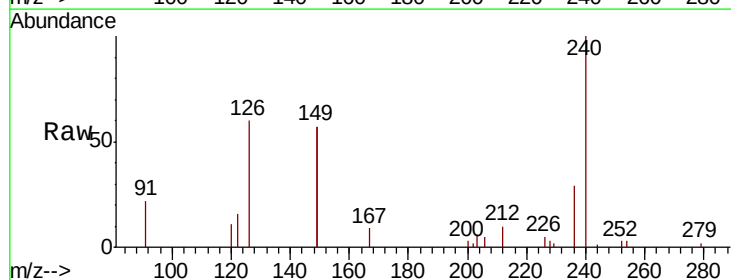


Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E

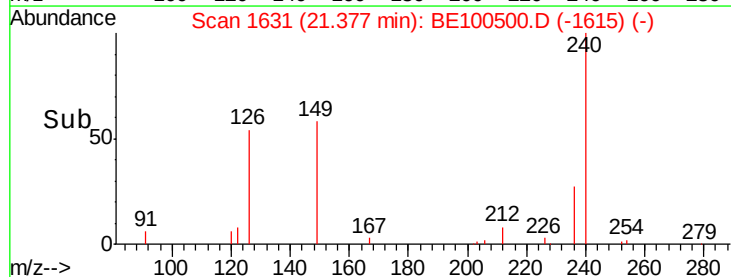
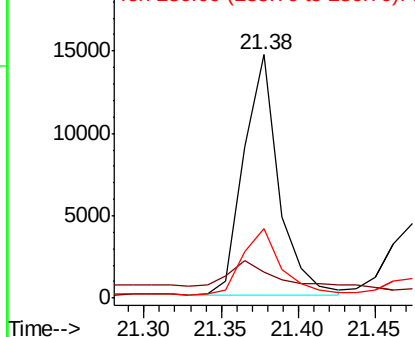


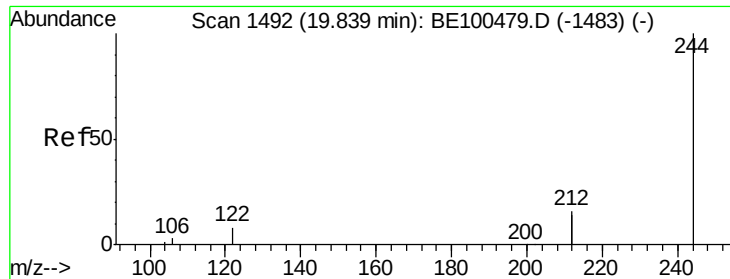
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.38 min Scan# 1631
Delta R.T. -0.00 min
Lab File: BE100500.D
Acq: 23 Jul 2019 14:20

Tgt 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

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

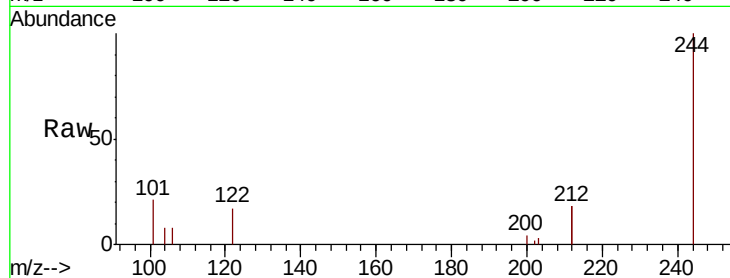
Tgt Ion:244 Resp: 20335

Ion Ratio Lower Upper

244 100

212 36.7 25.6 38.4

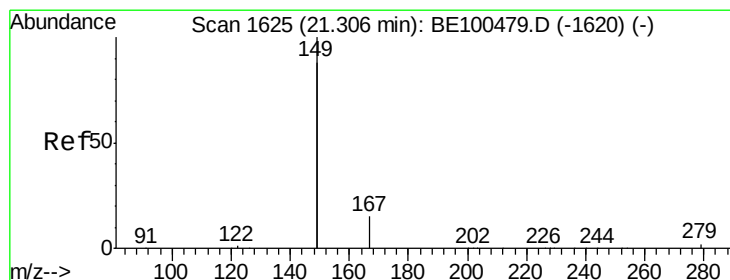
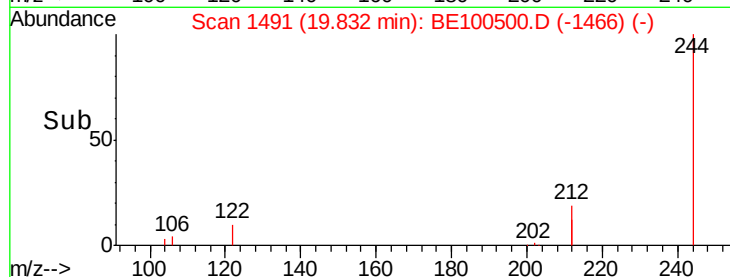
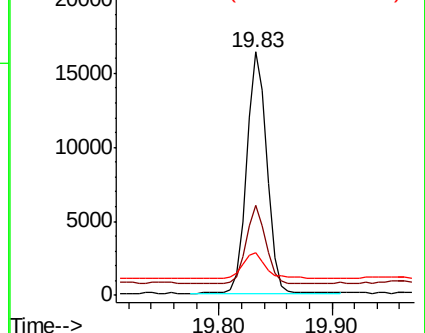
122 17.3 7.2 10.8#



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

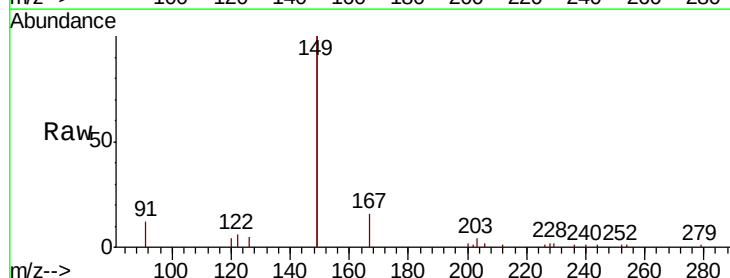
Tgt Ion:149 Resp: 53422

Ion Ratio Lower Upper

149 100

167 8.9 5.9 8.9#

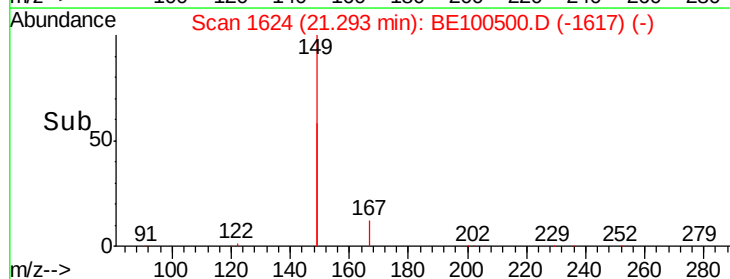
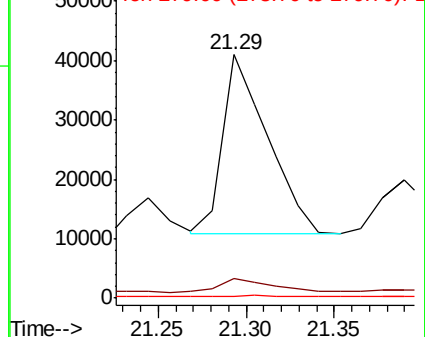
279 1.0 1.0 1.6#

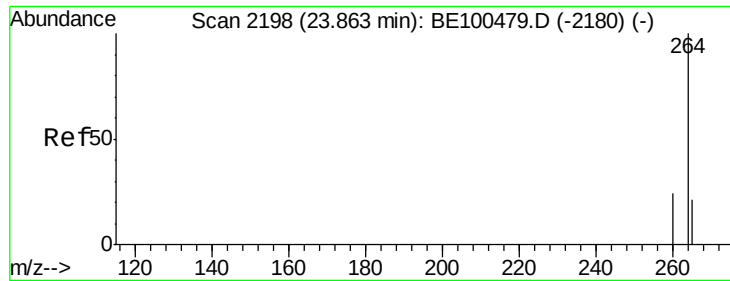


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.85 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

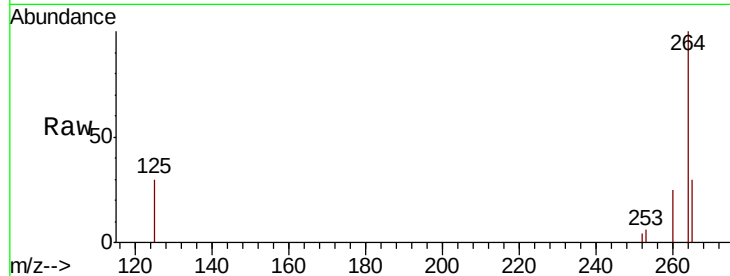
Tgt Ion:264 Resp: 21782

Ion Ratio Lower Upper

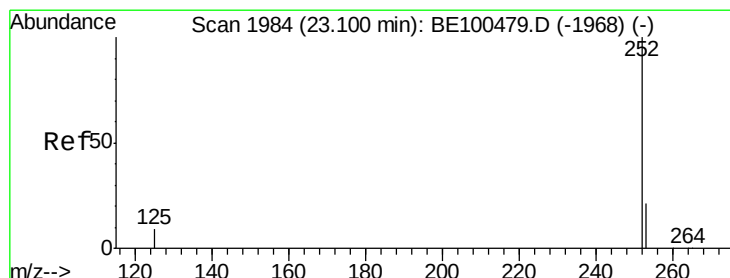
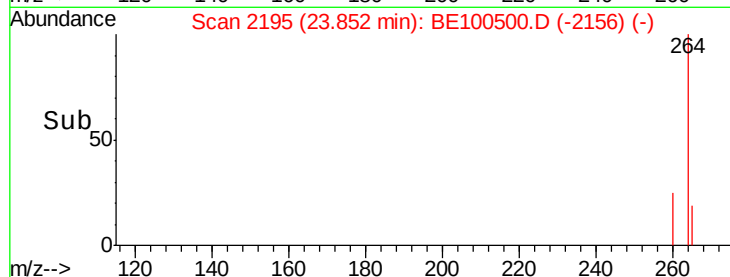
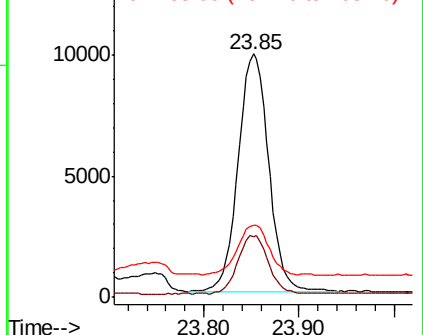
264 100

260 24.8 20.7 31.1

265 29.8 23.4 35.2



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



#35

Benzo(b)fluoranthene

Concen: 0.052 ng

RT: 23.15 min Scan# 1997

Delta R.T. 0.05 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

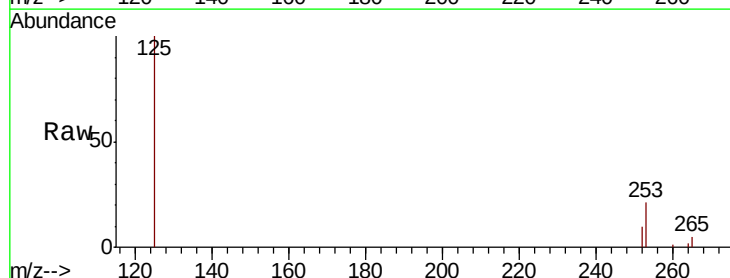
Tgt Ion:252 Resp: 3109

Ion Ratio Lower Upper

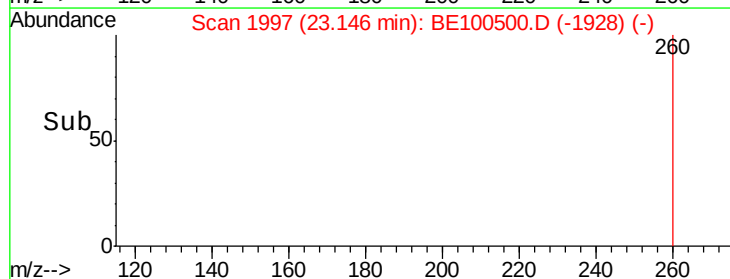
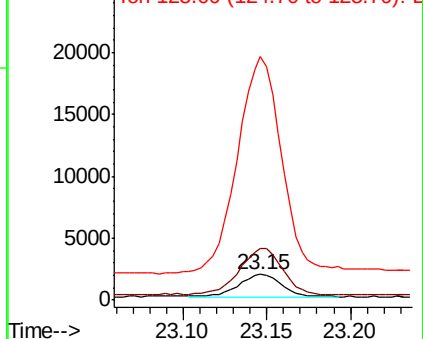
252 100

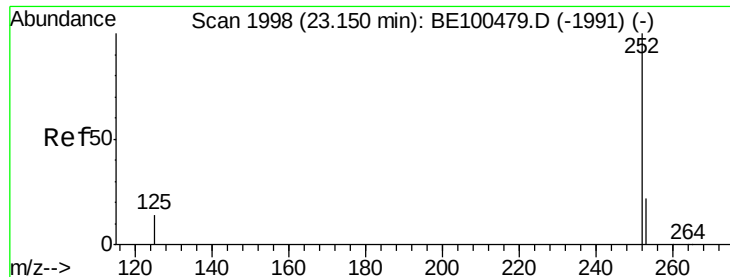
253 202.2 19.2 28.8#

125 954.9 11.9 17.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#36

Benzo(k)fluoranthene

Concen: 0.050 ng

RT: 23.15 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BE100500.D

Acq: 23 Jul 2019 14:20

Instrument :

BNA_E

ClientSampleId :

KY038PS027-190715

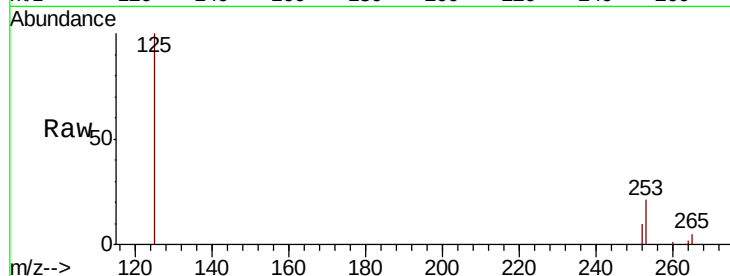
Tgt Ion: 252 Resp: 3109

Ion Ratio Lower Upper

252 100

253 202.2 19.7 29.5#

125 954.9 15.2 22.8#

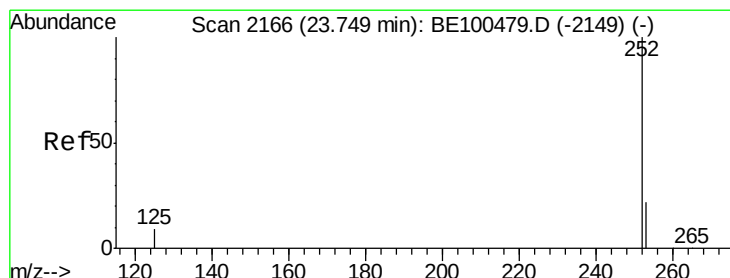
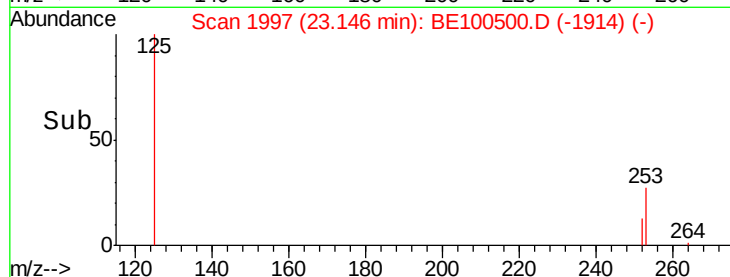
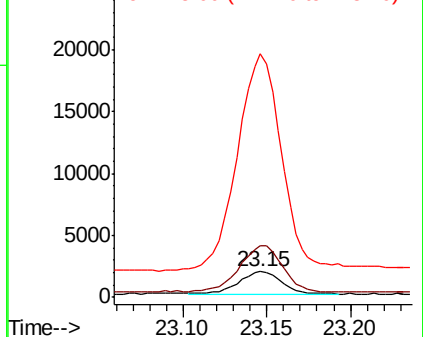


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#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

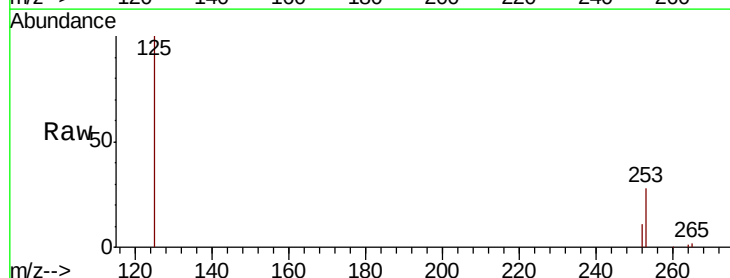
Tgt Ion: 252 Resp: 24538

Ion Ratio Lower Upper

252 100

253 245.1 20.0 30.0#

125 881.5 14.1 21.1#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

