

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE072319\
 Data File : BE100501.D
 Acq On : 23 Jul 2019 14:56
 Operator : HP/JU
 Sample : K3841-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-190715

Quant Time: Jul 24 02:07:03 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

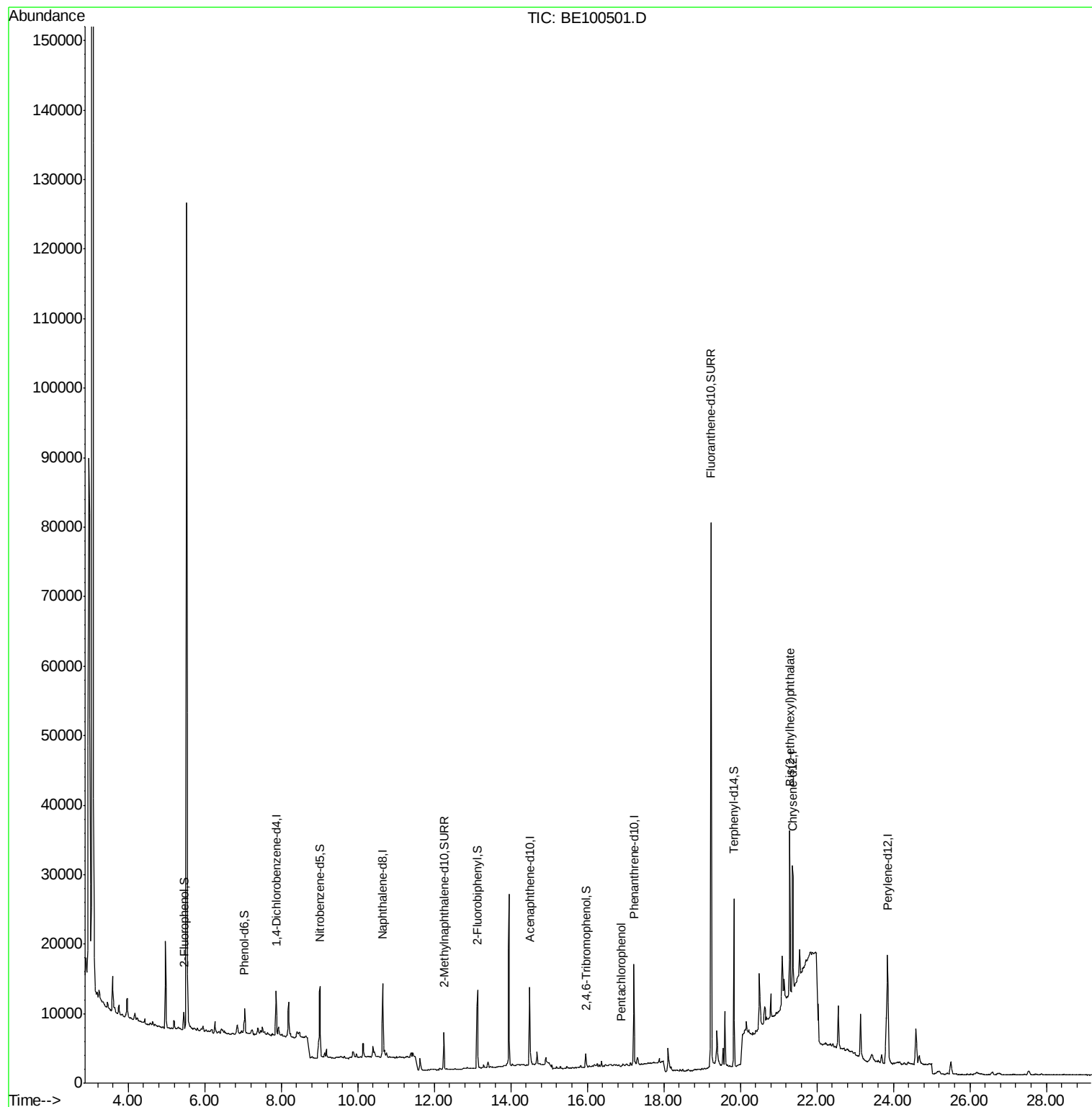
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	3065	0.40	ng	0.00
7) Naphthalene-d8	10.65	136	12238	0.40	ng	-0.01
13) Acenaphthene-d10	14.50	164	7384	0.40	ng	0.00
19) Phenanthrene-d10	17.22	188	19084	0.40	ng	0.00
27) Chrysene-d12	21.38	240	21569	0.40	ng	0.00
34) Perylene-d12	23.85	264	23374	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	1504	0.20	ng	0.00
5) Phenol-d6	7.03	99	1348	0.13	ng	0.00
8) Nitrobenzene-d5	9.02	82	4517	0.44	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	7263	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	1318	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.13	172	11186	0.37	ng	0.00
25) Fluoranthene-d10	19.24	212	101943	0.39	ng	0.00
29) Terphenyl-d14	19.83	244	21325	0.40	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.34	88	178	Below Cal	Qvalue #	26
22) Pentachlorophenol	16.89	266	8	0.153 ng	#	62
32) Bis(2-ethylhexyl)phthalate	21.29	149	28572	0.189 ng		99

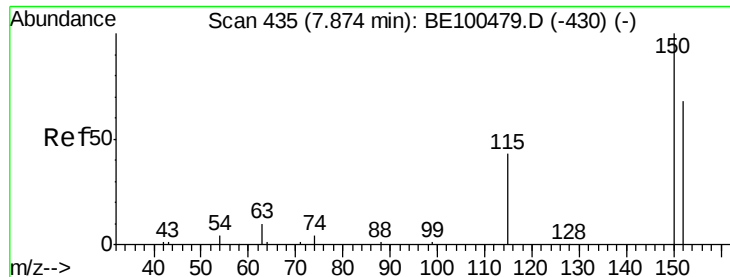
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BE100501.D

Acq: 23 Jul 2019 14:56

Instrument :

BNA_E

ClientSampleId :

KY038PS037-190715

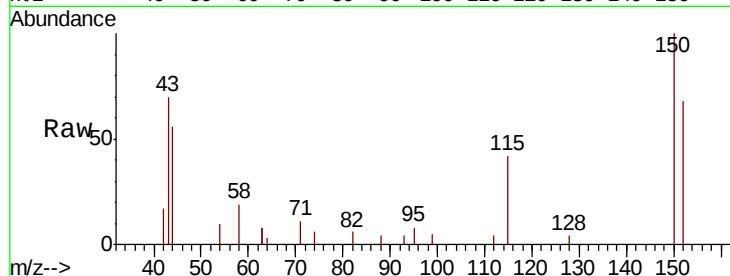
Tgt Ion:152 Resp: 3065

Ion Ratio Lower Upper

152 100

150 146.6 115.0 172.6

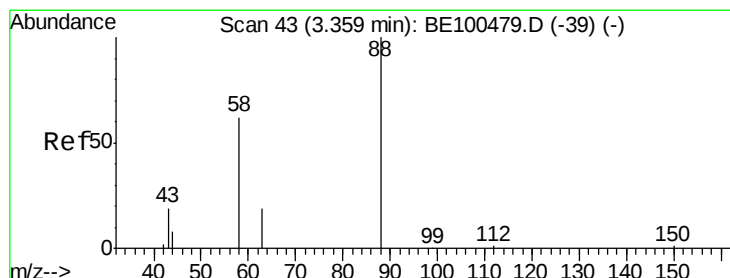
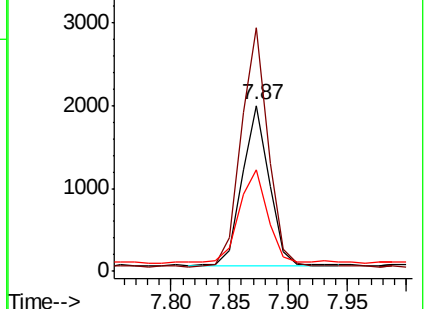
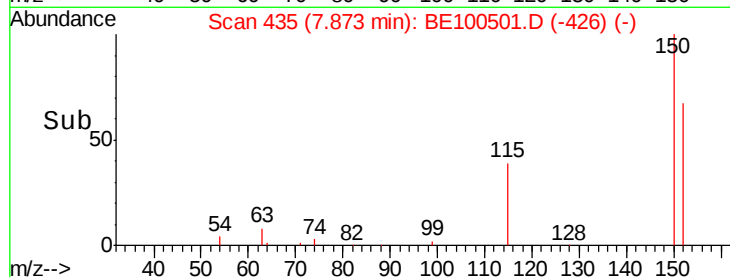
115 61.3 52.9 79.3



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



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.34 min Scan# 41

Delta R.T. -0.02 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

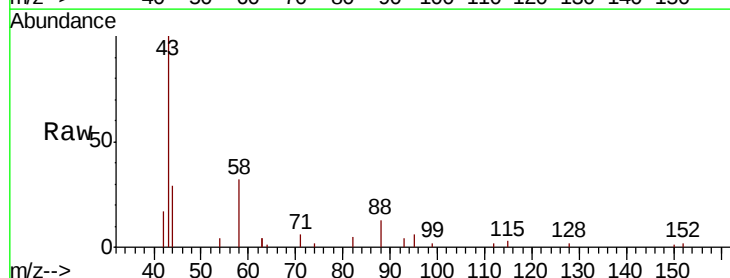
Tgt Ion: 88 Resp: 178

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

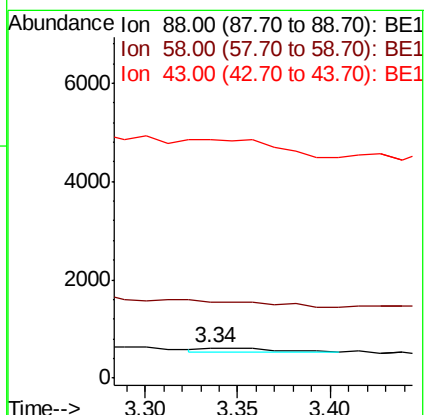
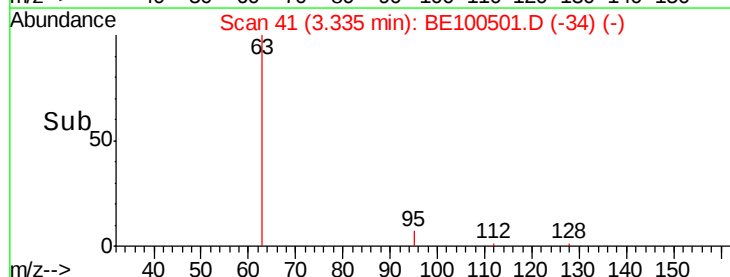
43 0.0 20.8 31.2#

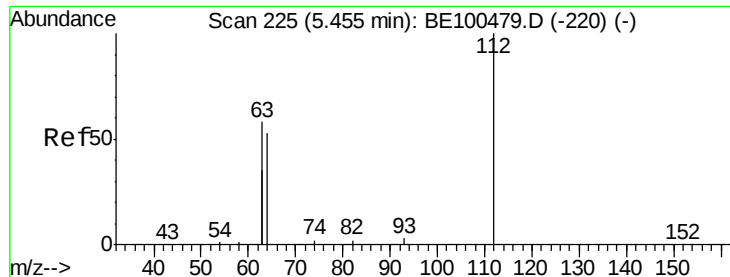


Abundance Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#4

2-Fluorophenol

Concen: 0.201 ng

RT: 5.45 min Scan# 225

Delta R.T. -0.00 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

Instrument :

BNA_E

ClientSampleId :

KY038PS037-190715

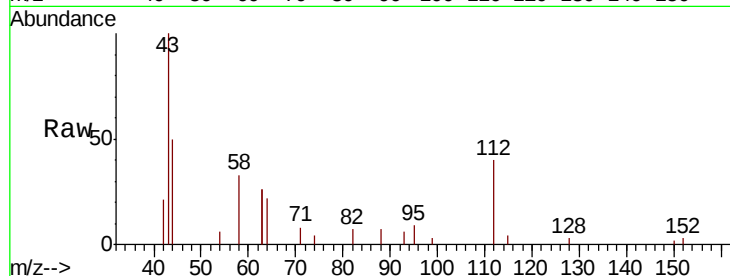
Tgt Ion: 112 Resp: 1504

Ion Ratio Lower Upper

112 100

64 64.1 54.1 81.1

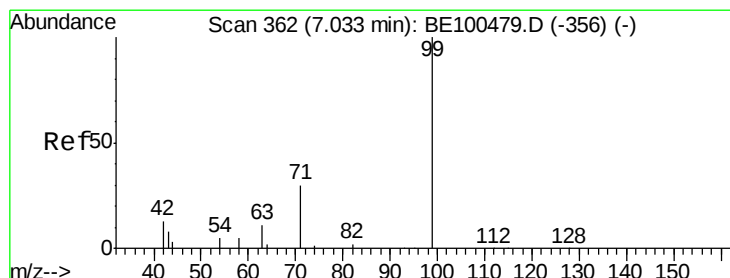
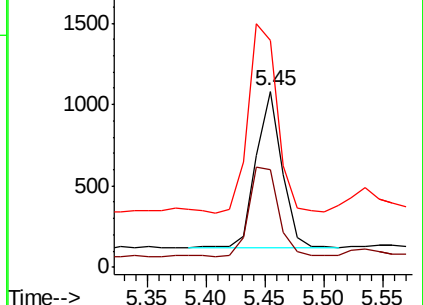
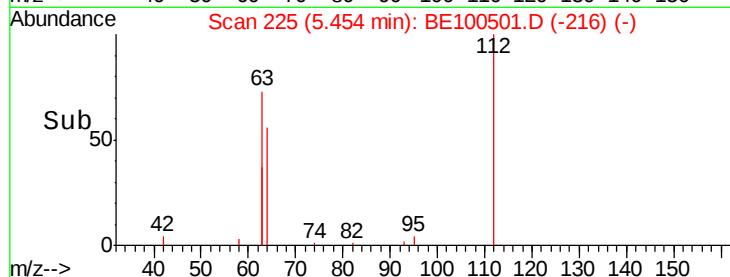
63 133.2 104.6 157.0



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



#5

Phenol-d6

Concen: 0.126 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.00 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

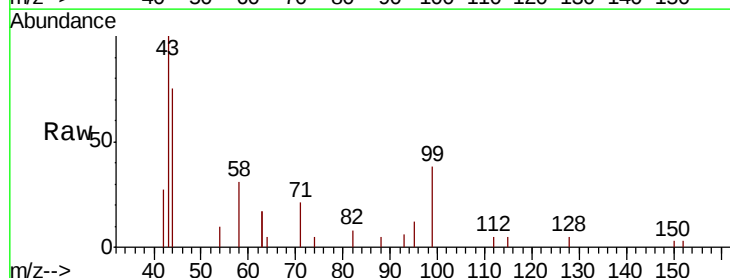
Tgt Ion: 99 Resp: 1348

Ion Ratio Lower Upper

99 100

42 34.6 14.5 21.7#

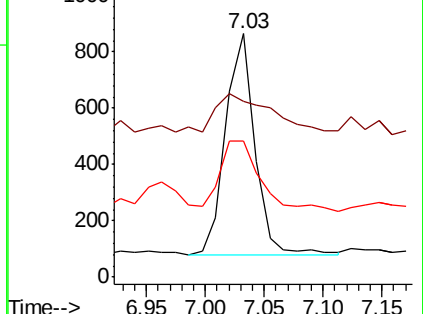
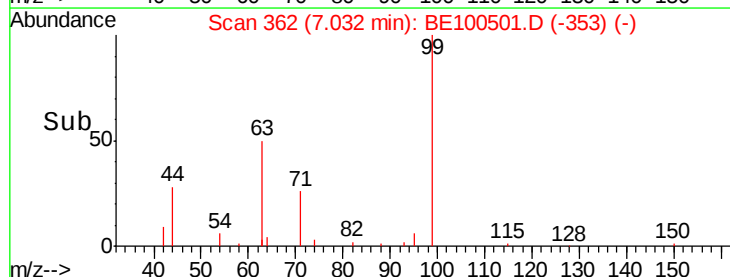
71 43.8 26.4 39.6#

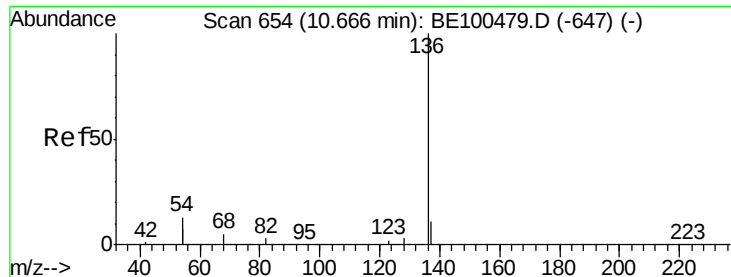


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

Instrument :

BNA_E

ClientSampleId :

KY038PS037-190715

Tgt Ion: 136 Resp: 12238

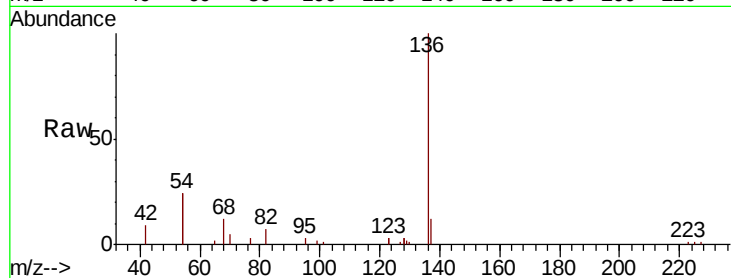
Ion Ratio Lower Upper

136 100

137 12.0 9.8 14.6

54 47.1 20.6 31.0#

68 11.5 5.3 7.9#

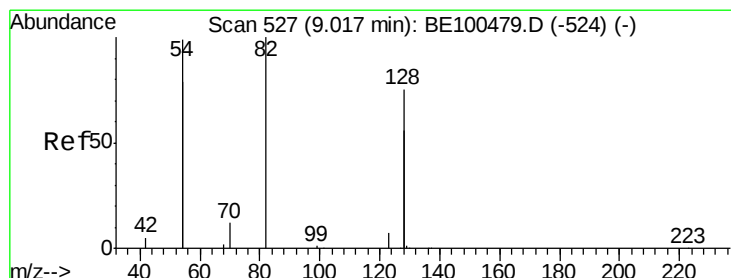
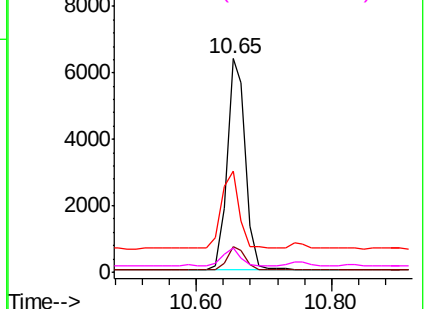
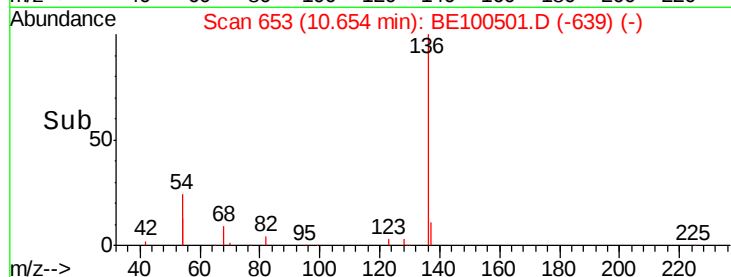


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.444 ng

RT: 9.02 min Scan# 527

Delta R.T. 0.00 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

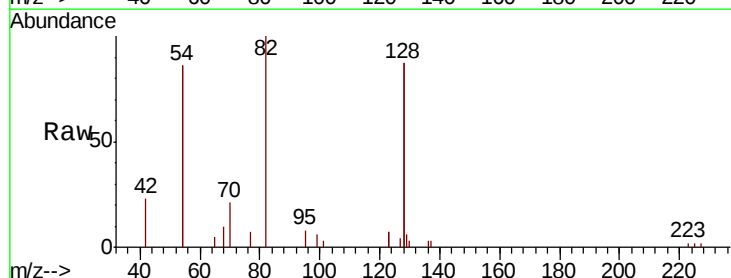
Tgt Ion: 82 Resp: 4517

Ion Ratio Lower Upper

82 100

128 174.4 113.6 170.4#

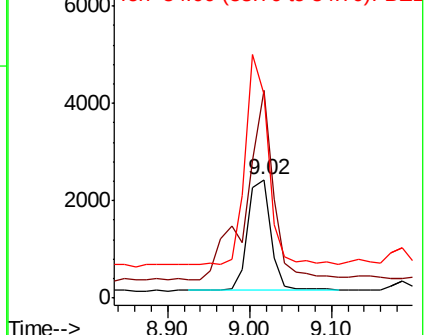
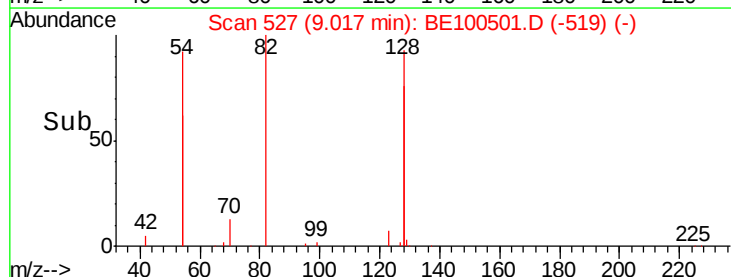
54 172.1 150.6 226.0

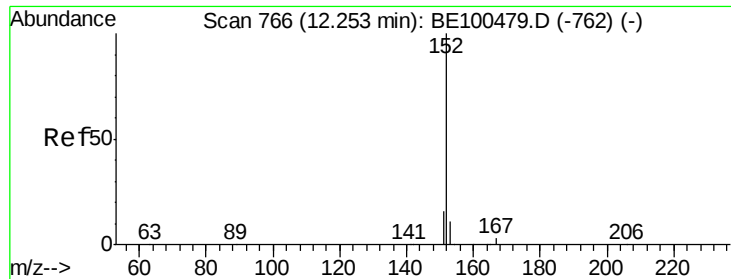


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

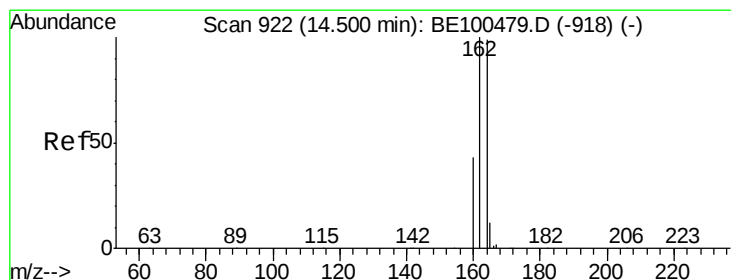
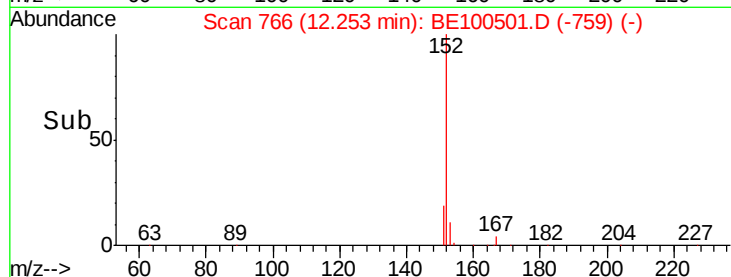
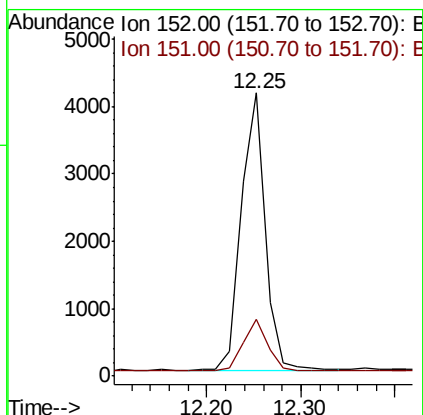
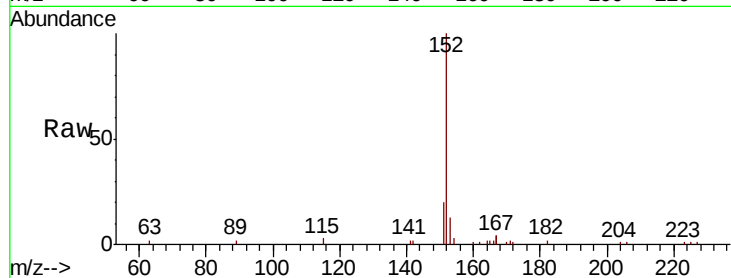




#11
 2-Methylnaphthalene-d10
 Concen: 0.358 ng
 RT: 12.25 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BE100501.D
 Acq: 23 Jul 2019 14:56

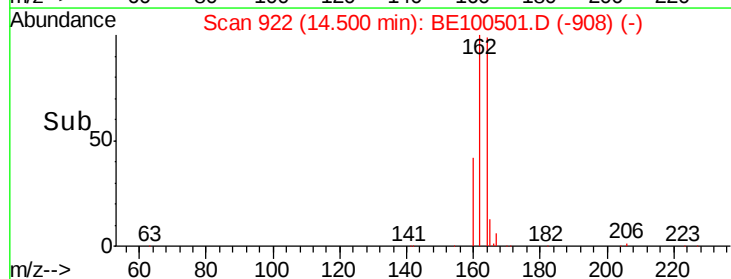
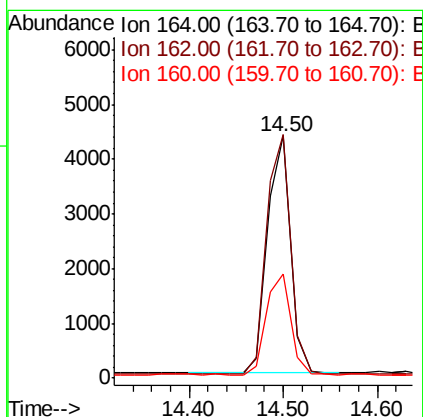
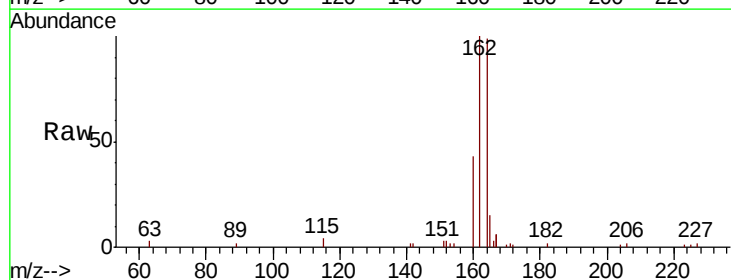
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-190715

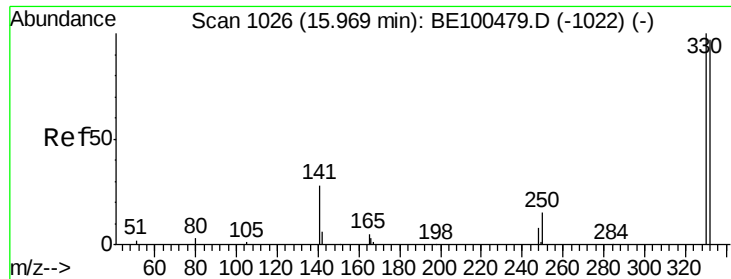
Tgt Ion:152 Resp: 7263
 Ion Ratio Lower Upper
 152 100
 151 19.3 15.1 22.7



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.50 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: BE100501.D
 Acq: 23 Jul 2019 14:56

Tgt Ion:164 Resp: 7384
 Ion Ratio Lower Upper
 164 100
 162 100.6 80.8 121.2
 160 43.1 34.9 52.3

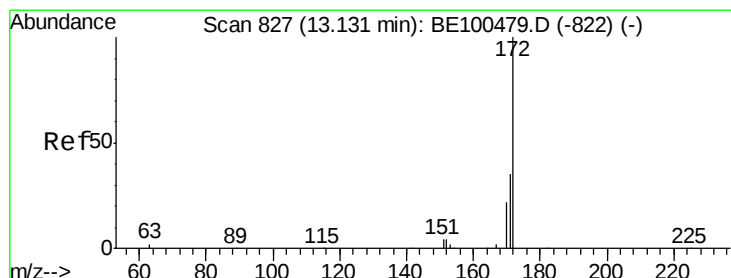
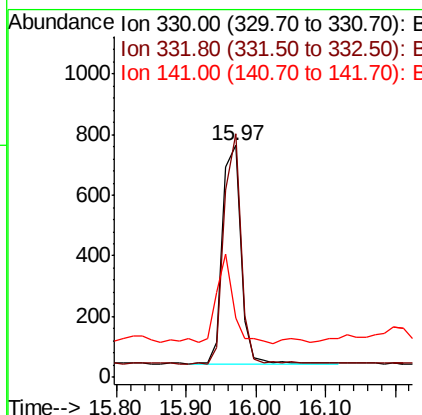
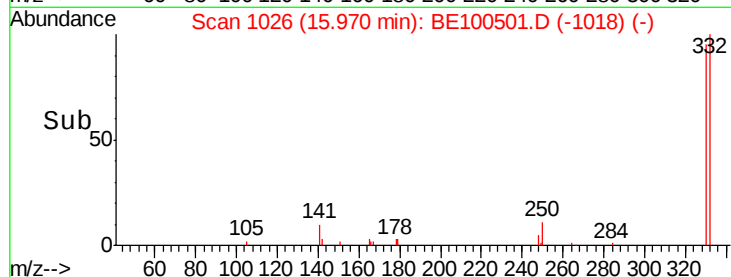
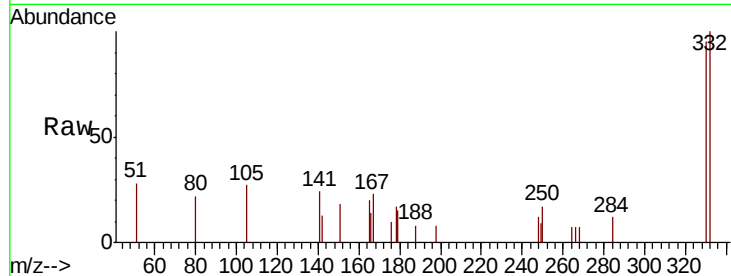




#14
 2,4,6-Tribromophenol
 Concen: 0.412 ng
 RT: 15.97 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE100501.D
 Acq: 23 Jul 2019 14:56

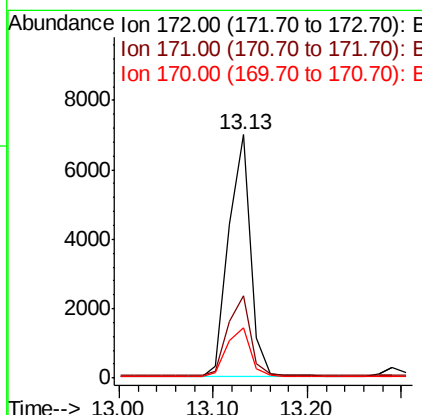
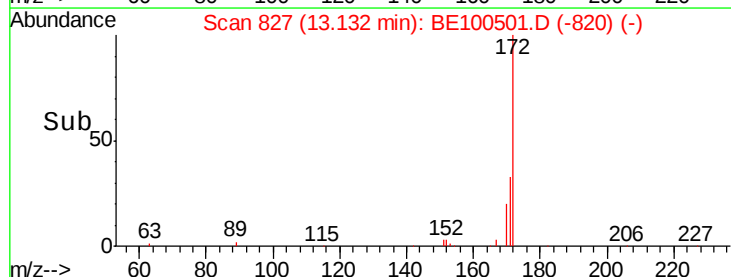
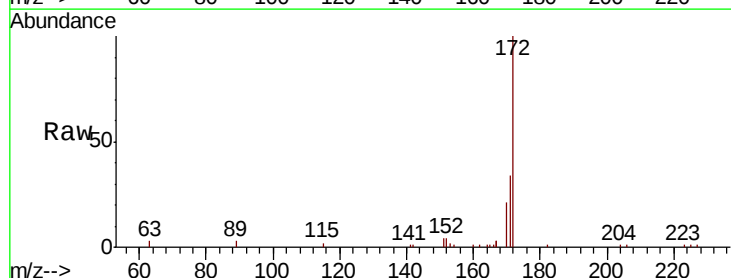
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-190715

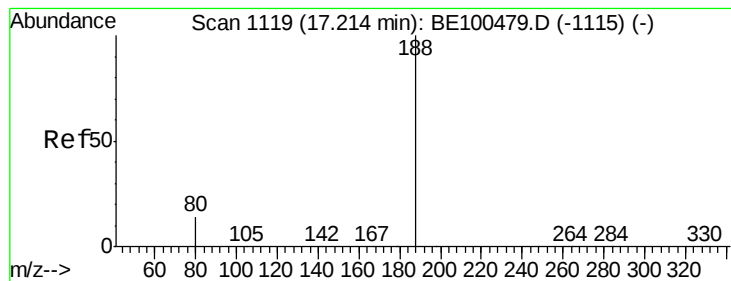
Tgt Ion:330 Resp: 1318
 Ion Ratio Lower Upper
 330 100
 332 96.5 80.5 120.7
 141 37.8 29.9 44.9



#15
 2-Fluorobiphenyl
 Concen: 0.373 ng
 RT: 13.13 min Scan# 827
 Delta R.T. 0.00 min
 Lab File: BE100501.D
 Acq: 23 Jul 2019 14:56

Tgt Ion:172 Resp: 11186
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.2 42.2
 170 20.5 17.8 26.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.22 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

Instrument :

BNA_E

ClientSampleId :

KY038PS037-190715

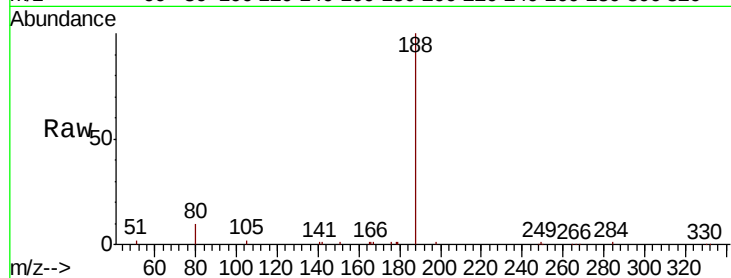
Tgt Ion:188 Resp: 19084

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

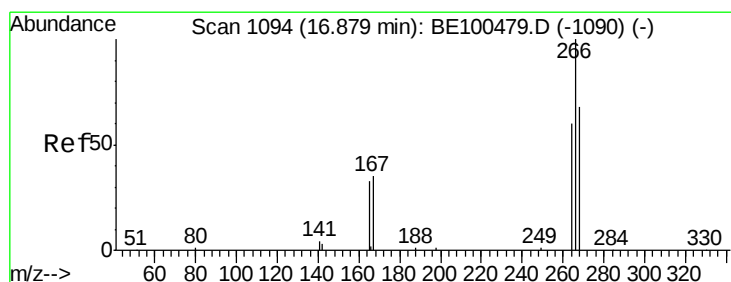
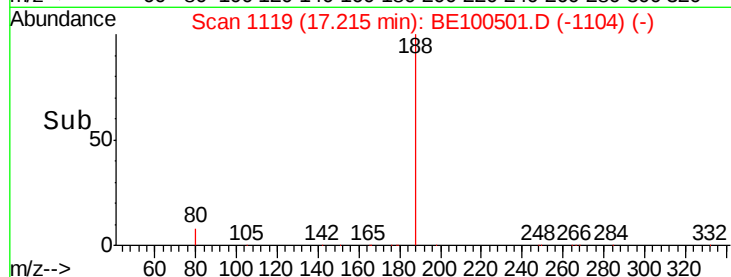
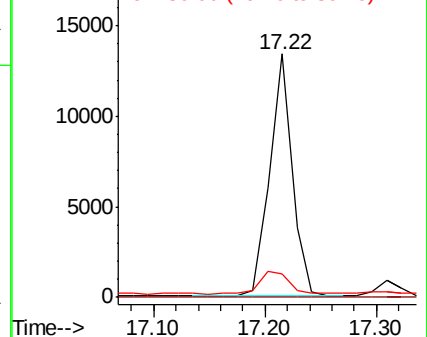
80 9.8 11.9 17.9#



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: 0.153 ng

RT: 16.89 min Scan# 1095

Delta R.T. 0.02 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

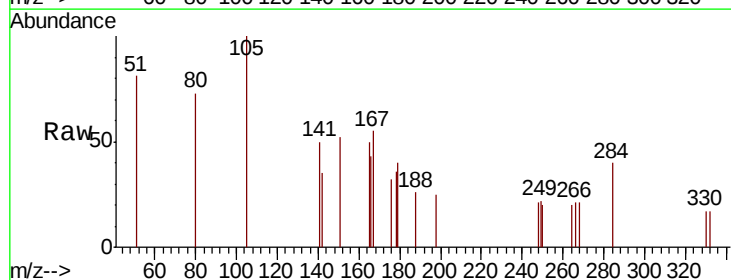
Tgt Ion:266 Resp: 8

Ion Ratio Lower Upper

266 100

264 93.2 50.4 75.6#

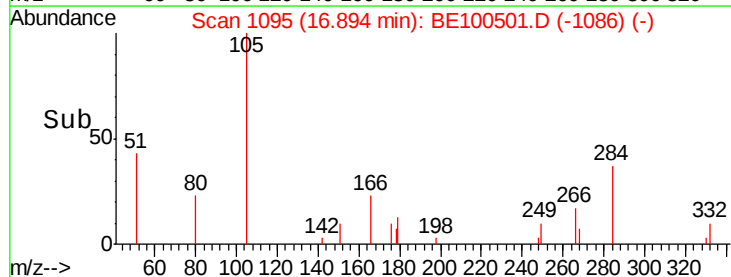
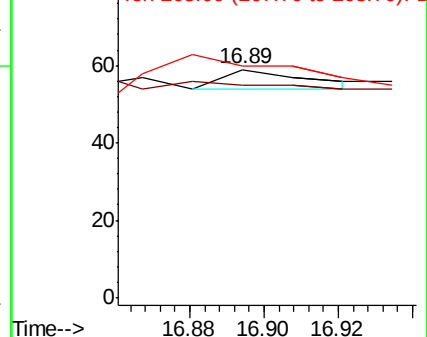
268 101.7 56.6 85.0#

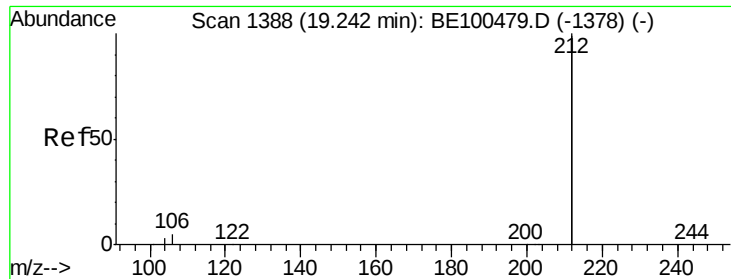


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.390 ng

RT: 19.24 min Scan# 1387

Delta R.T. -0.01 min

Lab File: BE100501.D

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KY038PS037-190715

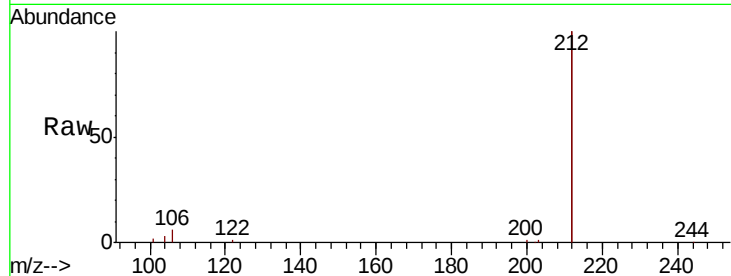
Tgt Ion:212 Resp: 101943

Ion Ratio Lower Upper

212 100

106 2.9 2.2 3.4

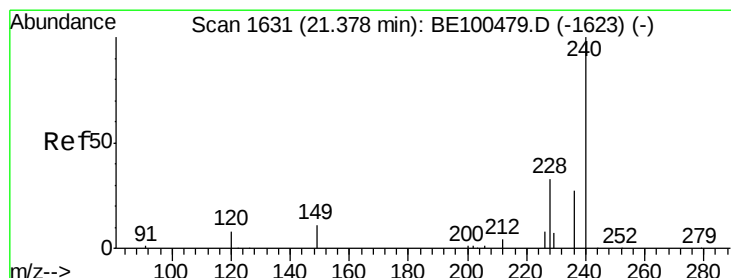
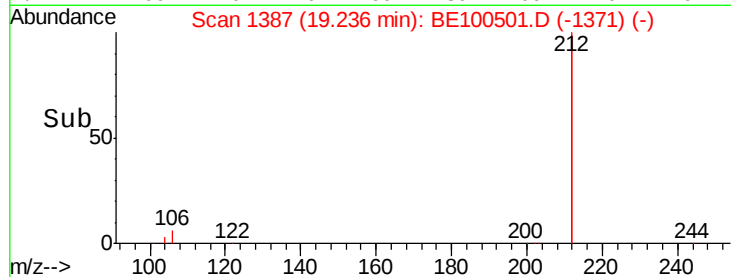
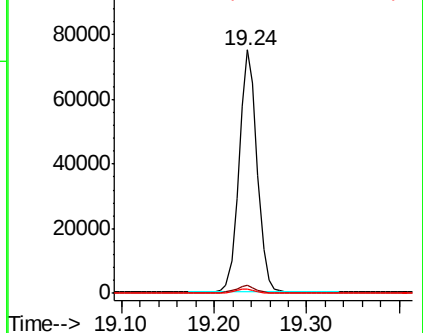
104 1.6 1.2 1.8



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: BE100501.D

Acq: 23 Jul 2019 14:56

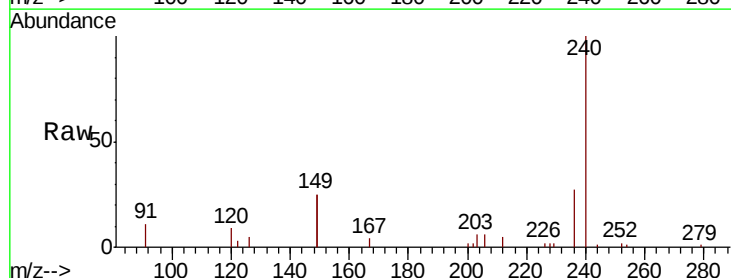
Tgt Ion:240 Resp: 21569

Ion Ratio Lower Upper

240 100

120 9.5 8.2 12.2

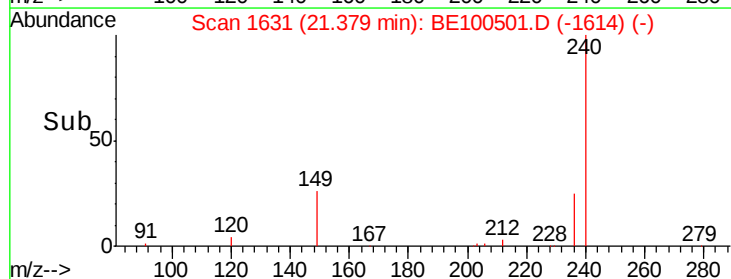
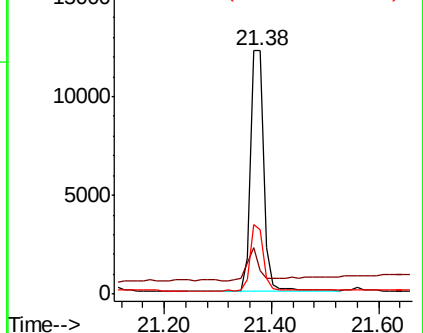
236 26.5 22.6 34.0

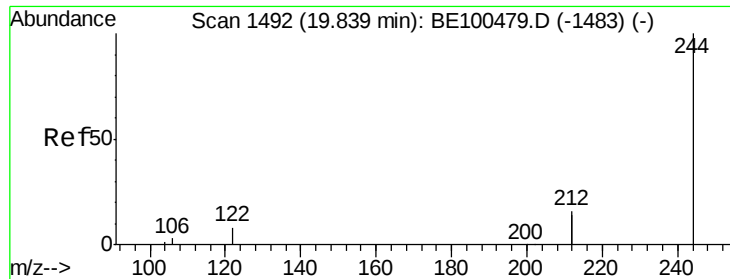


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.400 ng

RT: 19.83 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

Instrument :

BNA_E

ClientSampleId :

KY038PS037-190715

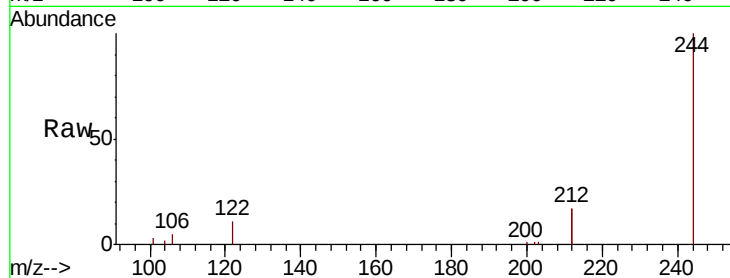
Tgt Ion:244 Resp: 21325

Ion Ratio Lower Upper

244 100

212 33.3 25.6 38.4

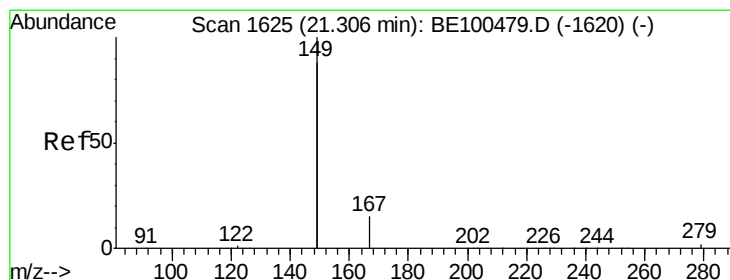
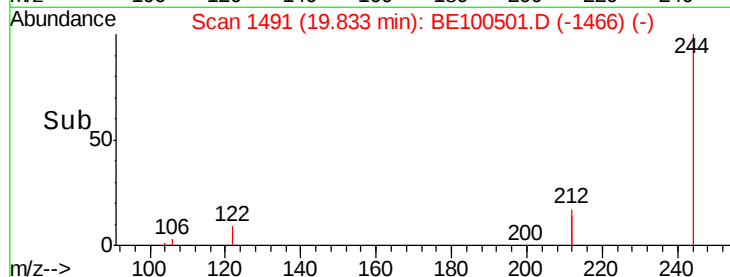
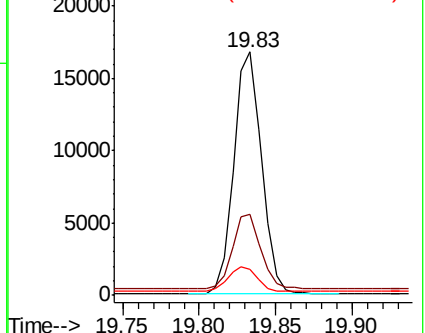
122 10.5 7.2 10.8



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: 0.189 ng

RT: 21.29 min Scan# 1624

Delta R.T. -0.01 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

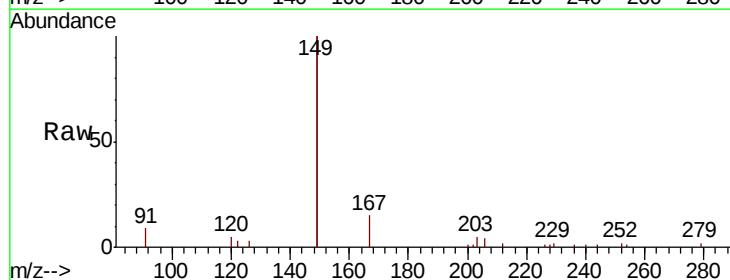
Tgt Ion:149 Resp: 28572

Ion Ratio Lower Upper

149 100

167 7.2 5.9 8.9

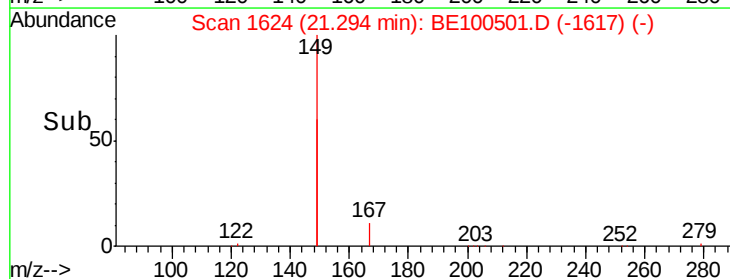
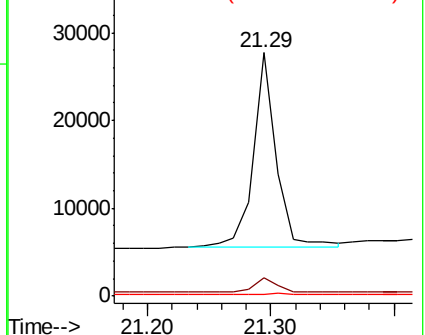
279 1.2 1.0 1.6

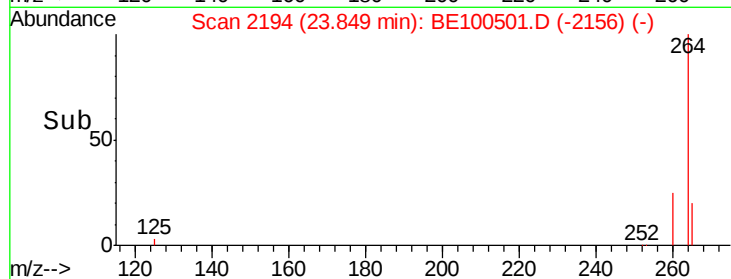
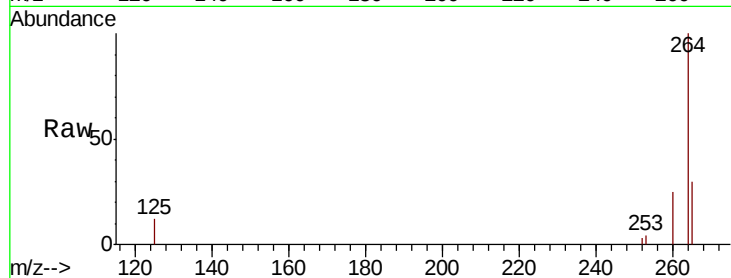
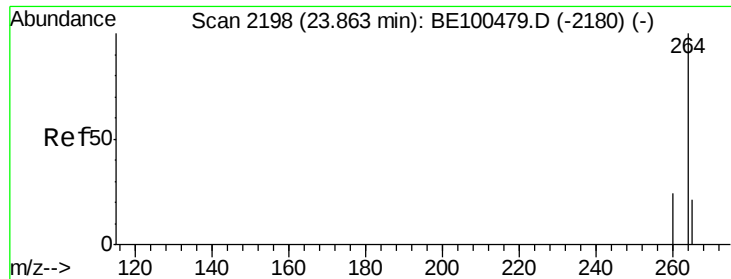


Abundance Ion 149.00 (148.70 to 149.70): E

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# 2194

Delta R.T. -0.01 min

Lab File: BE100501.D

Acq: 23 Jul 2019 14:56

Instrument :

BNA_E

ClientSampleId :

KY038PS037-190715

Tgt Ion: 264 Resp: 23374

Ion Ratio Lower Upper

264 100

260 25.5 20.7 31.1

265 29.5 23.4 35.2

