

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE062719\
 Data File : BE100223.D
 Acq On : 28 Jun 2019 2:17
 Operator : JU/SJ
 Sample : K3427-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-190617

Quant Time: Jun 28 06:43:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE062519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:41:07 2019
 Response via : Initial Calibration

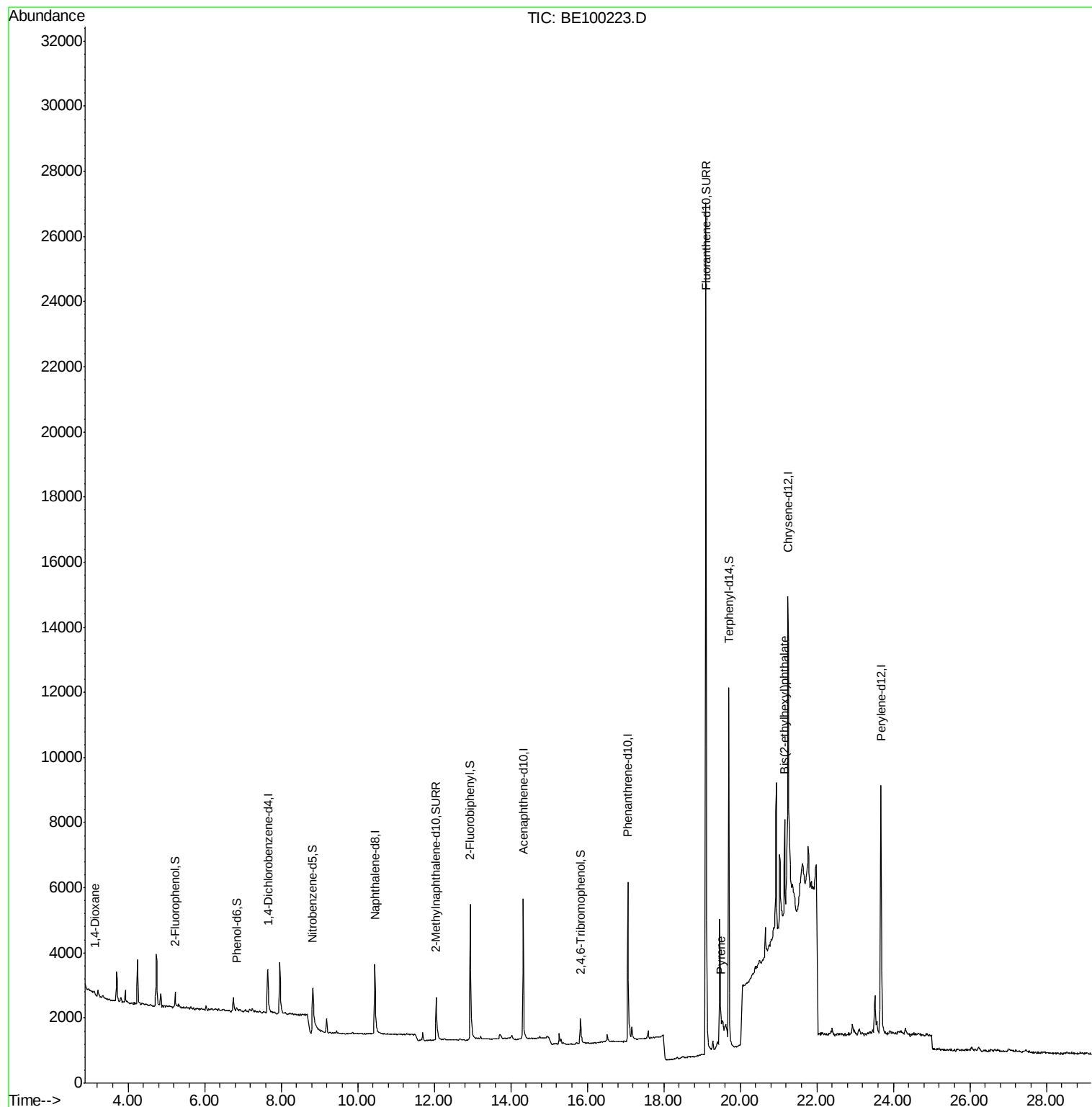
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	955	0.40	ng	0.00
7) Naphthalene-d8	10.45	136	3514	0.40	ng	0.00
13) Acenaphthene-d10	14.33	164	2748	0.40	ng	0.00
19) Phenanthrene-d10	17.07	188	7437	0.40	ng	0.00
27) Chrysene-d12	21.24	240	9658	0.40	ng	0.00
34) Perylene-d12	23.67	264	11254	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.23	112	351	0.17	ng	0.00
5) Phenol-d6	6.85	99	301	0.10	ng	0.00
8) Nitrobenzene-d5	8.82	82	1355	0.39	ng	-0.01
11) 2-Methylnaphthalene-d10	12.05	152	2350	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.82	330	721	0.45	ng	-0.01
15) 2-Fluorobiphenyl	12.94	172	4843	0.44	ng	-0.01
25) Fluoranthene-d10	19.10	212	37891	0.35	ng	0.00
29) Terphenyl-d14	19.70	244	10345	0.55	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.12	88	123	0.082	ng	# 72
28) Pyrene	19.50	202	585	0.024	ng	# 76
32) Bis(2-ethylhexyl)phthalate	21.16	149	4085	0.125	ng	# 96

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

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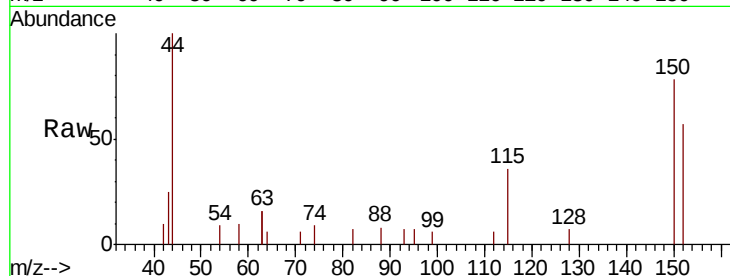


#1

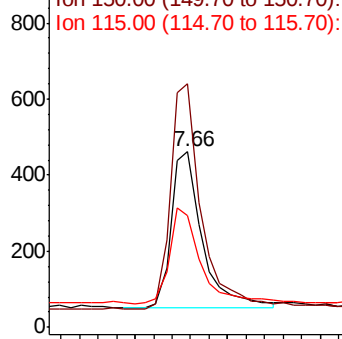
1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.66 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

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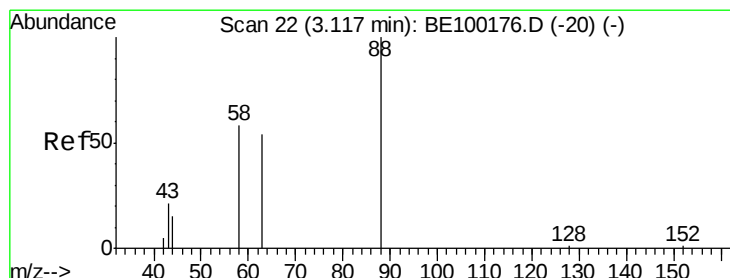
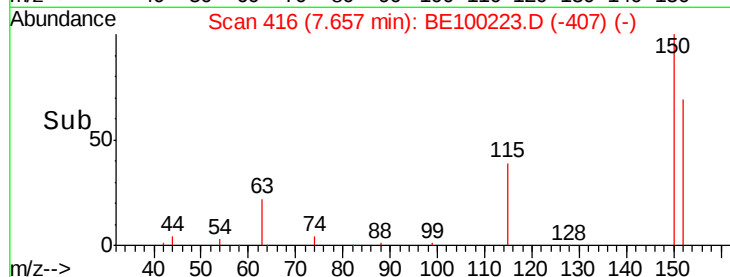
Tot Ion:152 Resp: 955
 Ion Ratio Lower Upper
 152 100
 150 138.5 113.4 170.2
 115 63.4 55.8 83.6



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



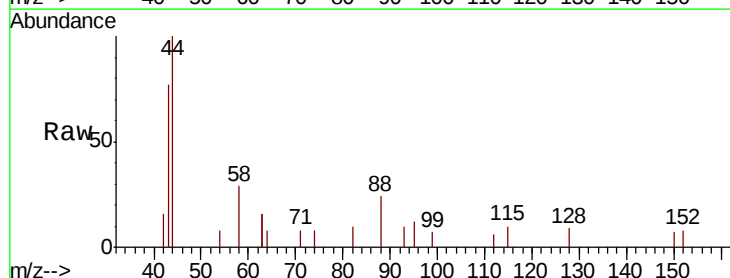
Time-->



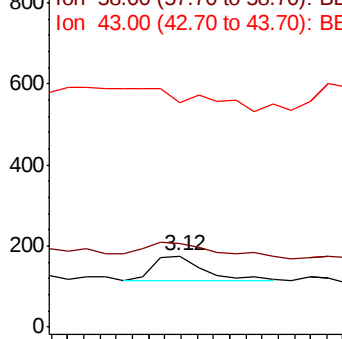
#2

1,4-Dioxane
 Concen: 0.082 ng
 RT: 3.12 min Scan# 22
 Delta R.T. 0.00 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

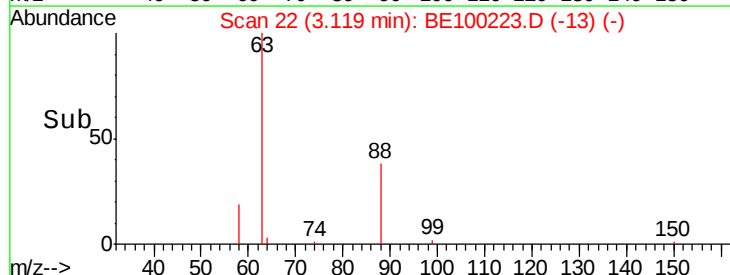
Tgt Ion: 88 Resp: 123
 Ion Ratio Lower Upper
 88 100
 58 68.3 43.8 65.6#
 43 0.0 19.4 29.2#

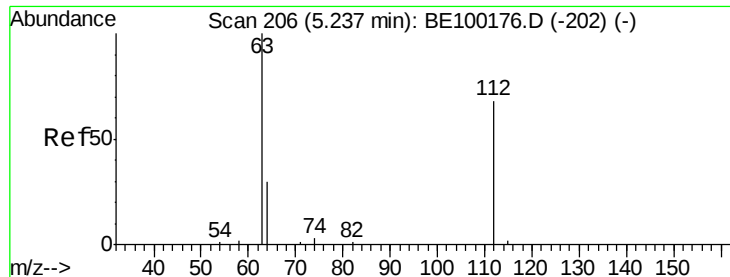


Abundance Ion 88.00 (87.70 to 88.70): BE1
 Ion 58.00 (57.70 to 58.70): BE1
 Ion 43.00 (42.70 to 43.70): BE1



Time-->





#4

2-Fluorophenol

Concen: 0.165 ng

RT: 5.23 min Scan# 205

Delta R.T. 0.00 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190617

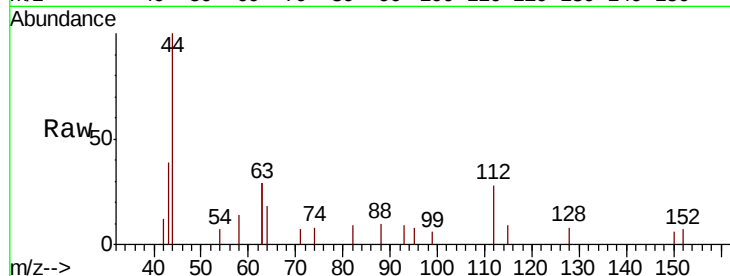
Tot Ion: 112 Resp: 351

Ion Ratio Lower Upper

112 100

64 54.7 40.7 61.1

63 159.8 93.2 139.8#



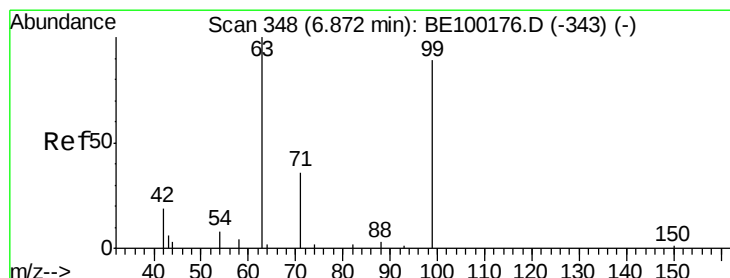
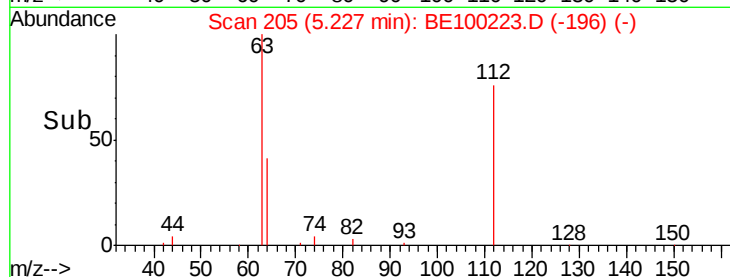
Abundance Ion 112.00 (111.70 to 112.70): BE1

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1

5.23

Time-->



#5

Phenol-d6

Concen: 0.103 ng

RT: 6.85 min Scan# 346

Delta R.T. 0.00 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

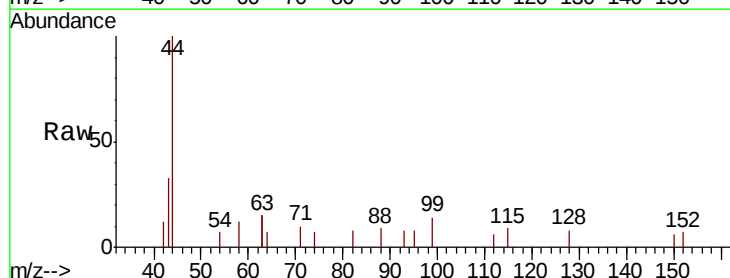
Tgt Ion: 99 Resp: 301

Ion Ratio Lower Upper

99 100

42 0.0 10.4 15.6#

71 34.2 32.4 48.6



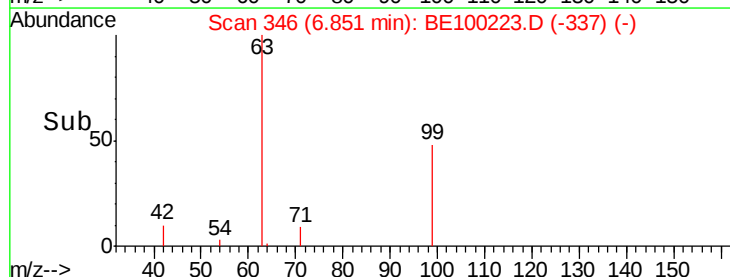
Abundance Ion 99.00 (98.70 to 99.70): BE1

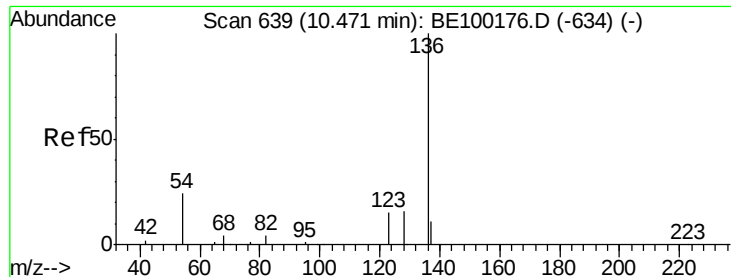
Ion 42.00 (41.70 to 42.70): BE1

Ion 71.00 (70.70 to 71.70): BE1

6.85

Time-->





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.45 min Scan# 637

Delta R.T. 0.00 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190617

Tot Ion:136 Resp: 3514

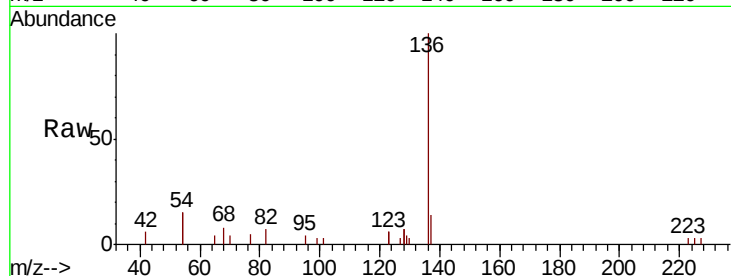
Ion Ratio Lower Upper

136 100

137 13.7 13.8 20.8#

54 30.8 35.4 53.2#

68 7.9 8.8 13.2#

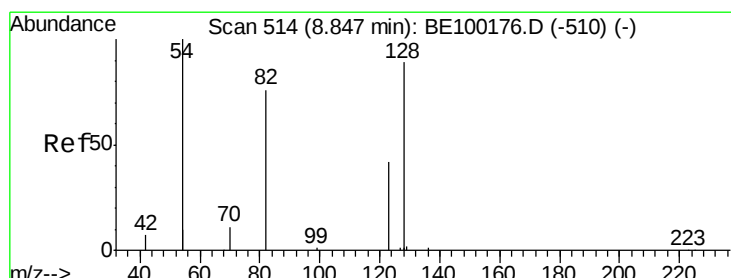
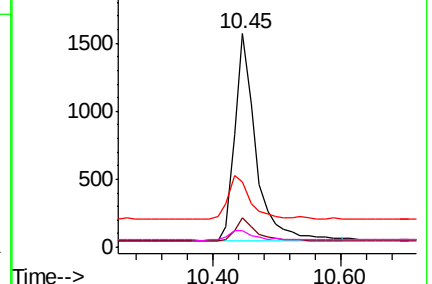
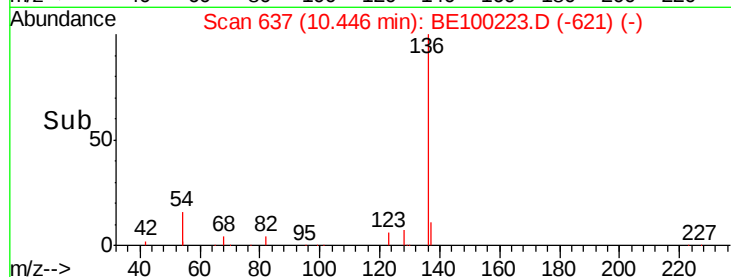


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.387 ng

RT: 8.82 min Scan# 512

Delta R.T. -0.01 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

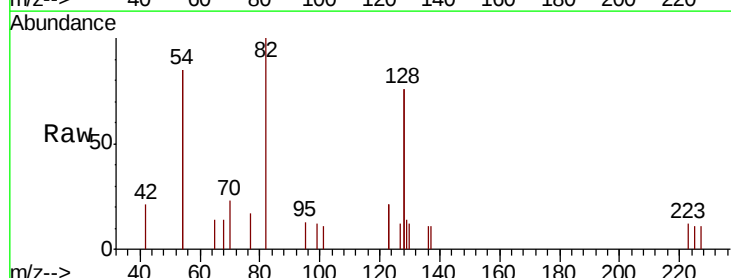
Tgt Ion: 82 Resp: 1355

Ion Ratio Lower Upper

82 100

128 152.3 144.6 217.0

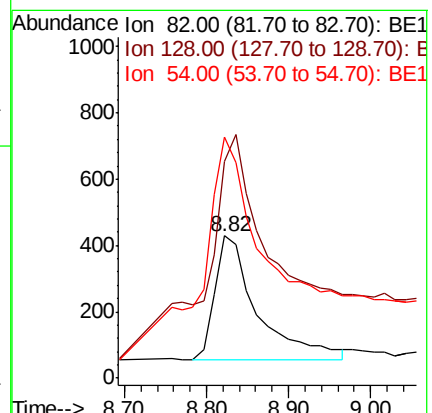
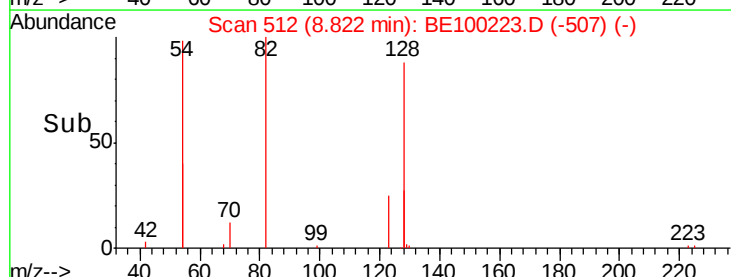
54 169.6 163.0 244.6

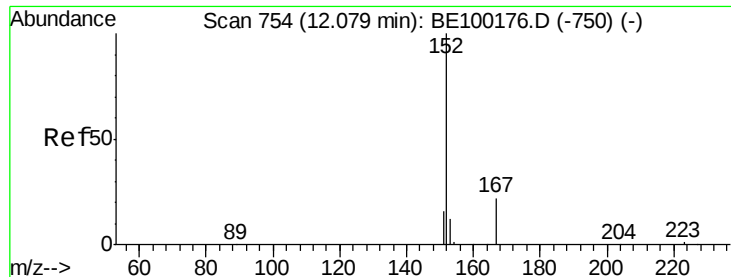


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

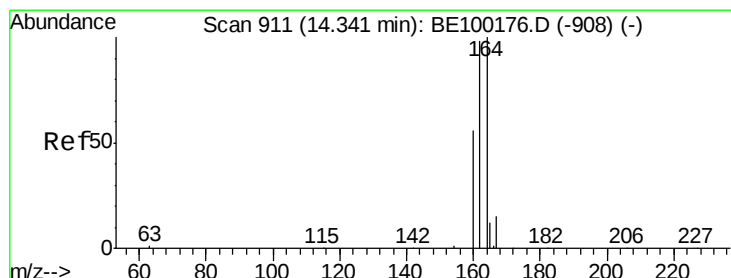
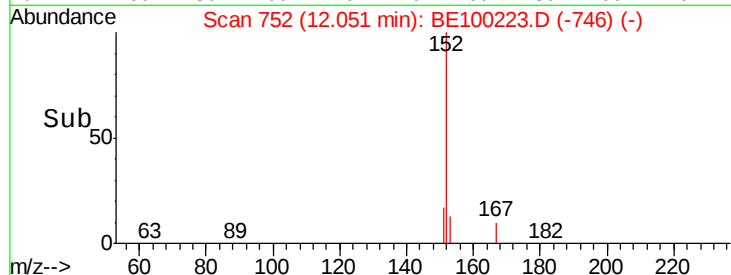
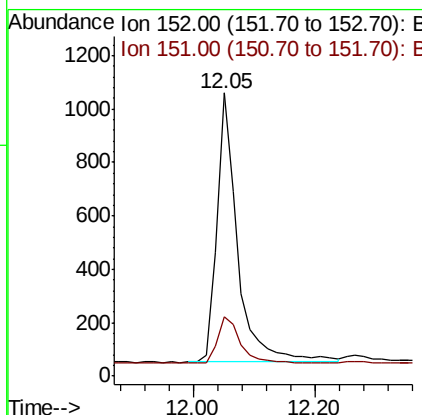
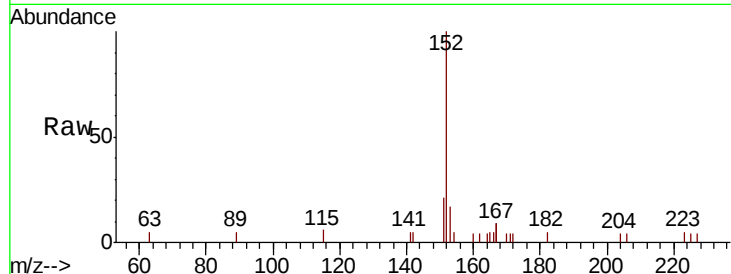




#11
 2-Methylnaphthalene-d10
 Concen: 0.357 ng
 RT: 12.05 min Scan# 752
 Delta R.T. -0.01 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

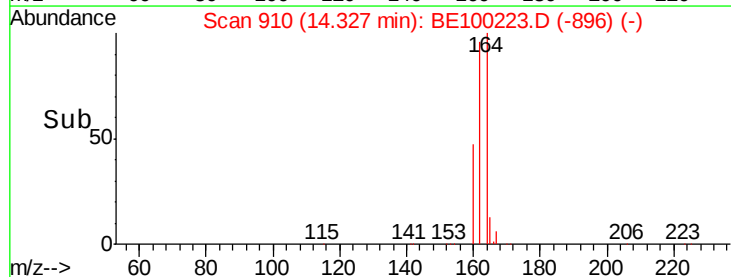
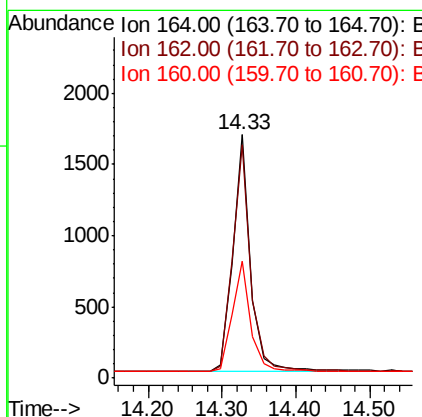
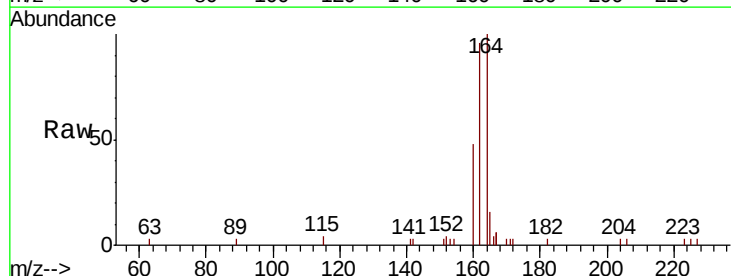
Instrument :
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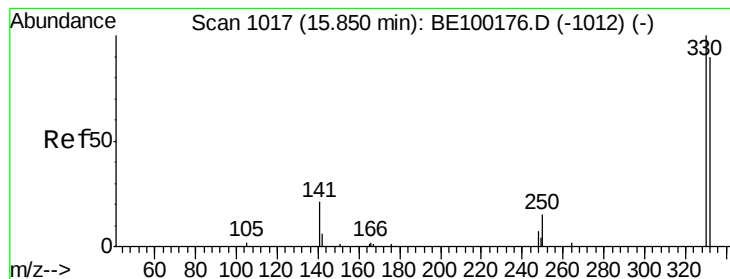
Tot Ion:152 Resp: 2350
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.3 24.5



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.33 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

Tgt Ion:164 Resp: 2748
 Ion Ratio Lower Upper
 164 100
 162 95.9 78.6 118.0
 160 48.2 46.9 70.3

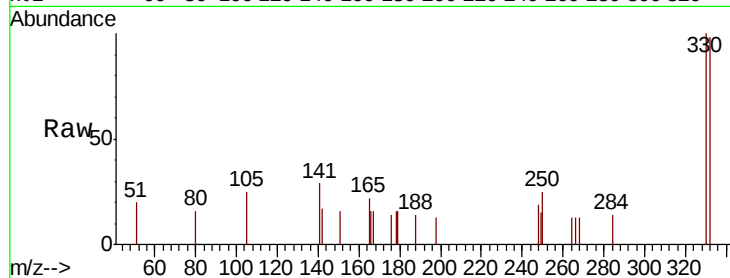




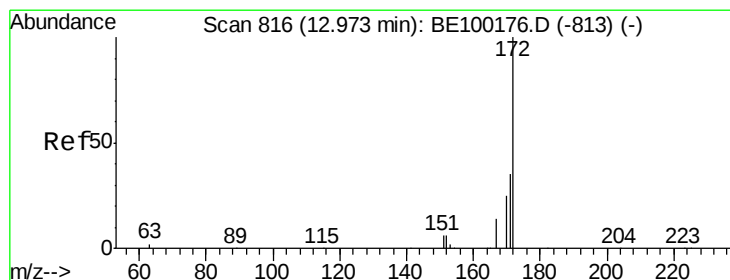
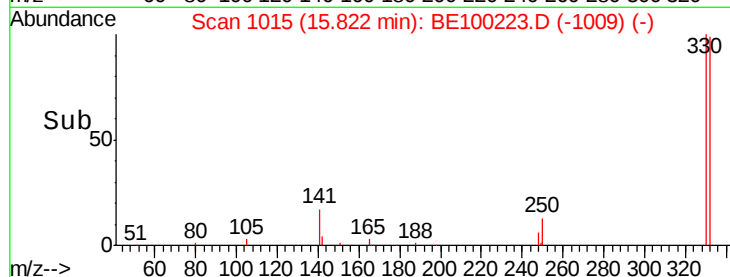
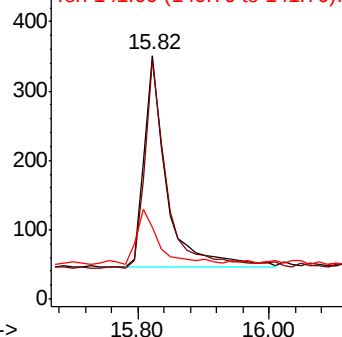
#14
 2,4,6-Tribromophenol
 Concen: 0.453 ng
 RT: 15.82 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS038-190617

Tot Ion:330 Resp: 721
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.7 116.5
 141 25.5 18.9 28.3

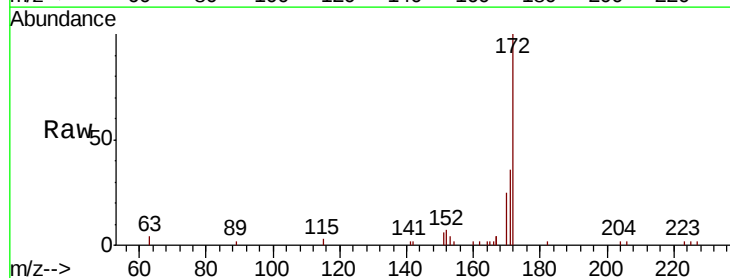


Abundance Ion 330.00 (329.70 to 330.70): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

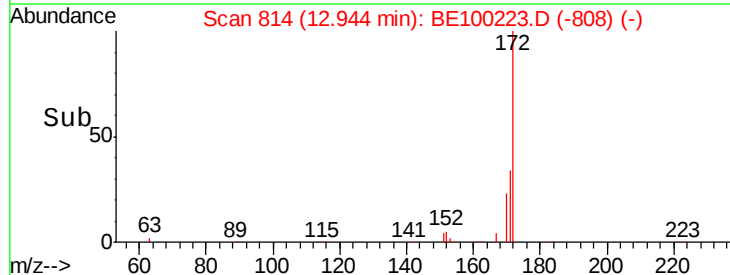
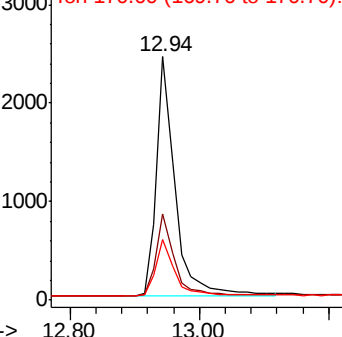


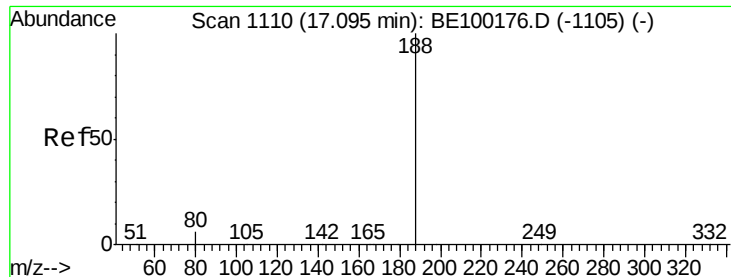
#15
 2-Fluorobiphenyl
 Concen: 0.439 ng
 RT: 12.94 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BE100223.D
 Acq: 28 Jun 2019 2:17

Tgt Ion:172 Resp: 4843
 Ion Ratio Lower Upper
 172 100
 171 35.6 31.0 46.4
 170 24.9 23.9 35.9



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: 17.07 min Scan# 1108

Delta R.T. -0.00 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190617

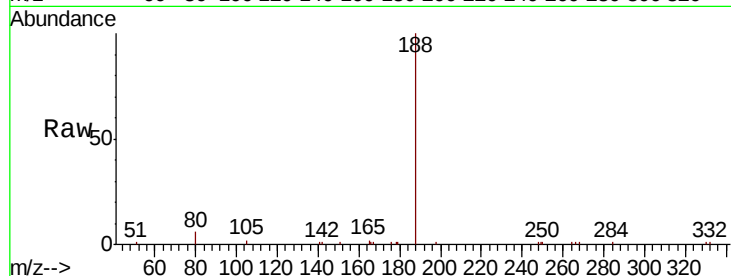
Tot Ion:188 Resp: 7437

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

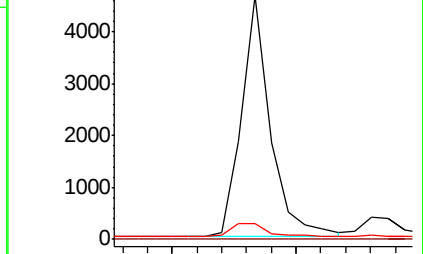
80 6.4 6.4 9.6



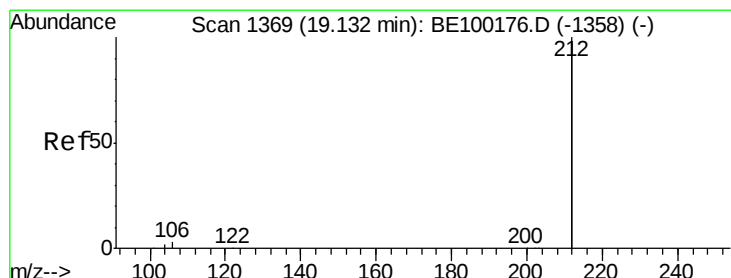
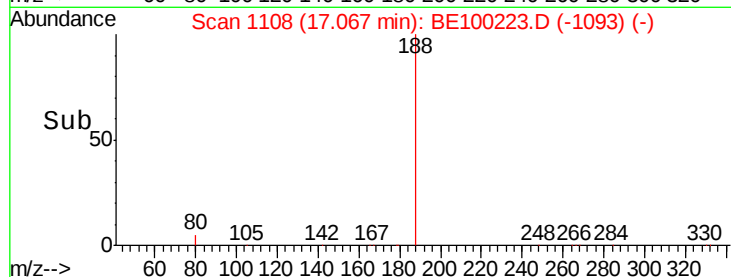
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



Time-->



#25

Fluoranthene-d10

Concen: 0.354 ng

RT: 19.10 min Scan# 1364

Delta R.T. 0.00 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

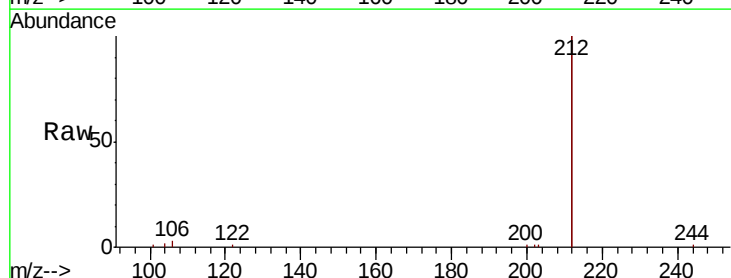
Tgt Ion:212 Resp: 37891

Ion Ratio Lower Upper

212 100

106 1.6 1.3 1.9

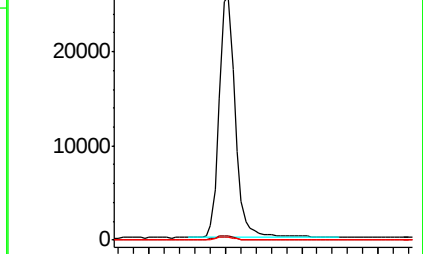
104 0.9 0.7 1.1



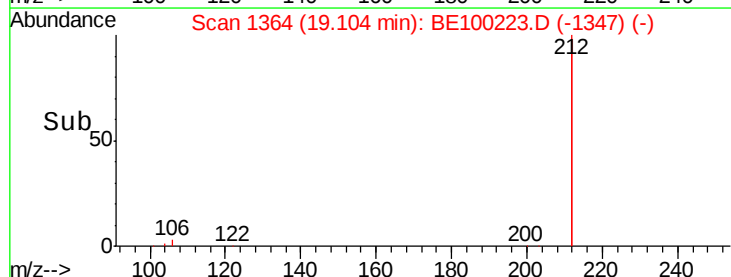
Abundance Ion 212.00 (211.70 to 212.70): E

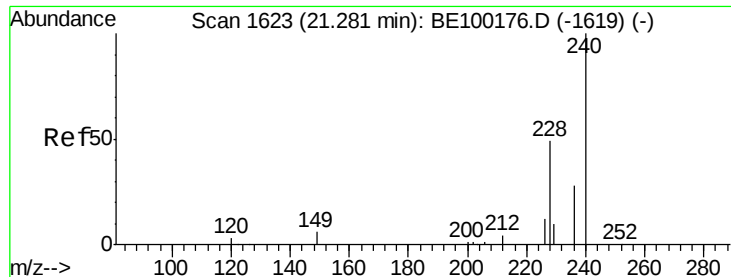
Ion 106.00 (105.70 to 106.70): E

Ion 104.00 (103.70 to 104.70): E



Time-->

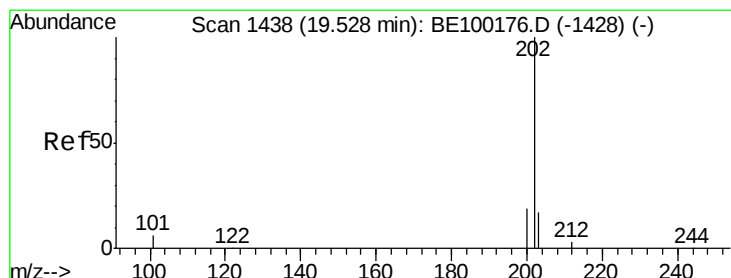
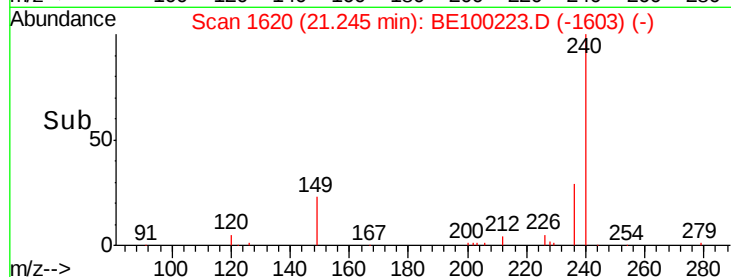
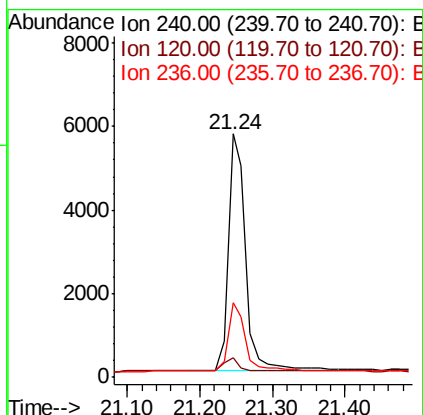
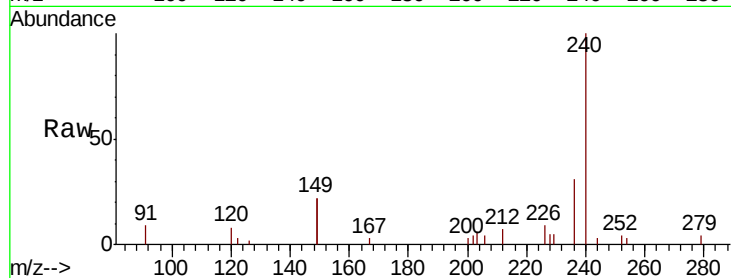




#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. -0.00 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

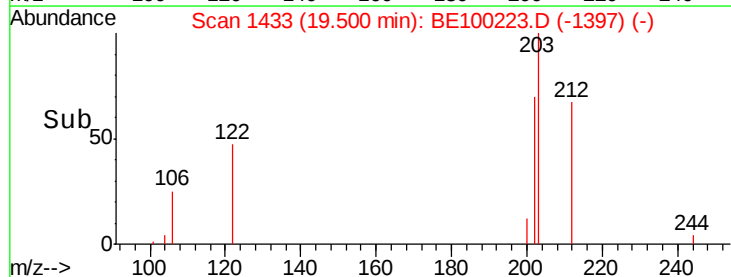
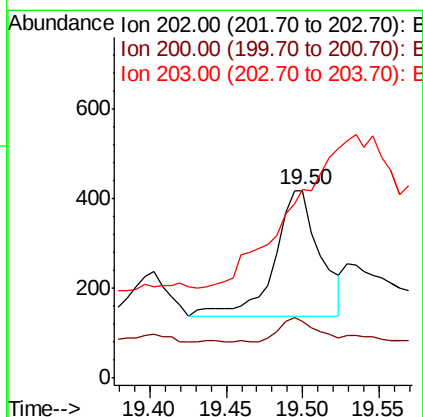
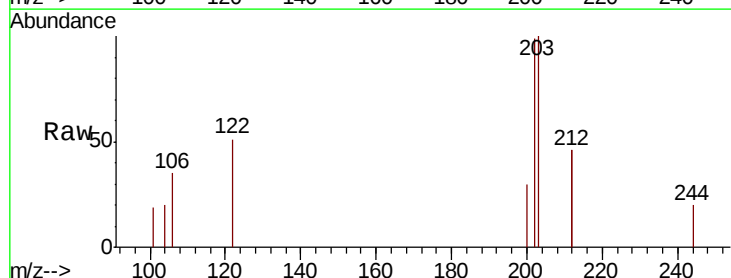
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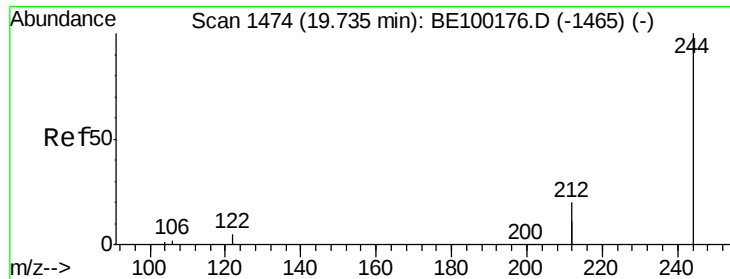
Tot Ion:240 Resp: 9658
Ion Ratio Lower Upper
240 100
120 8.1 4.1 6.1#
236 30.9 23.0 34.6



#28
Pyrene
Concen: 0.024 ng
RT: 19.50 min Scan# 1433
Delta R.T. 0.01 min
Lab File: BE100223.D
Acq: 28 Jun 2019 2:17

Tgt Ion:202 Resp: 585
Ion Ratio Lower Upper
202 100
200 14.9 15.5 23.3#
203 0.0 13.9 20.9#





#29

Terphenyl-d14

Concen: 0.545 ng

RT: 19.70 min Scan# 1468

Delta R.T. -0.01 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190617

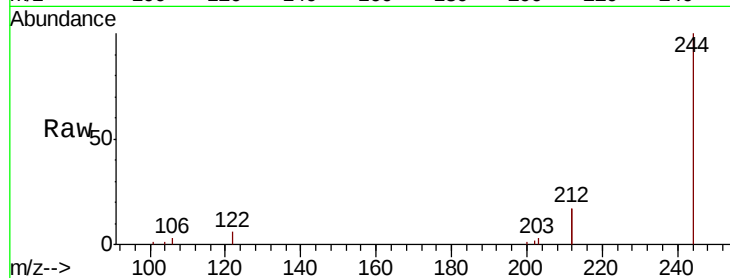
Tot Ion:244 Resp: 10345

Ion Ratio Lower Upper

244 100

212 33.6 30.7 46.1

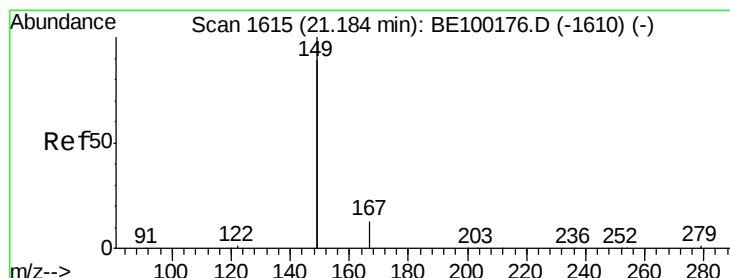
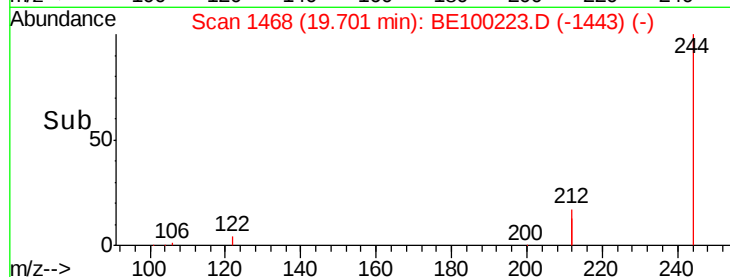
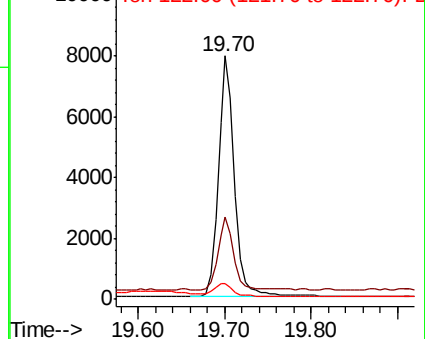
122 6.5 5.8 8.6



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: 0.125 ng

RT: 21.16 min Scan# 1613

Delta R.T. -0.00 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

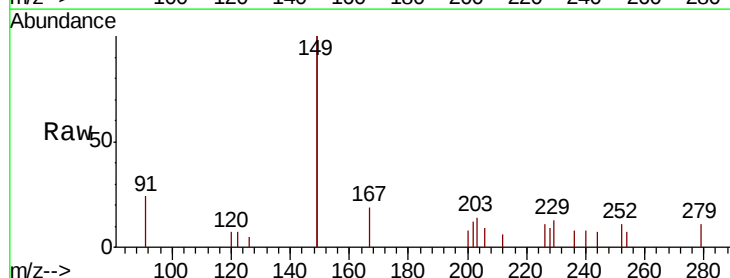
Tgt Ion:149 Resp: 4085

Ion Ratio Lower Upper

149 100

167 5.9 5.9 8.9

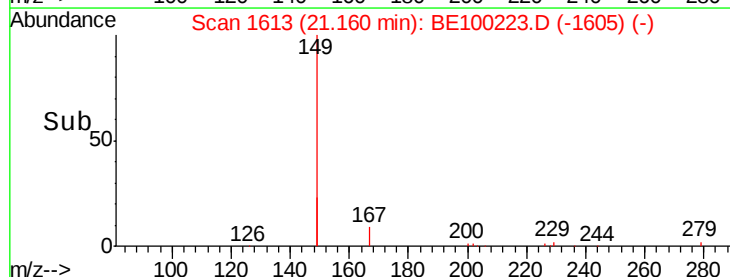
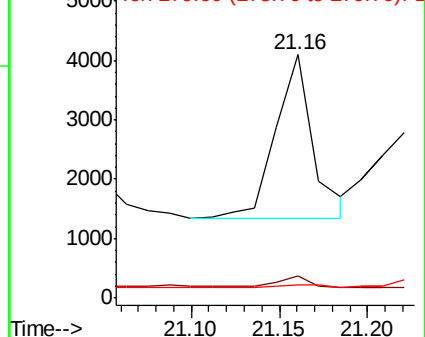
279 2.7 1.0 1.6#

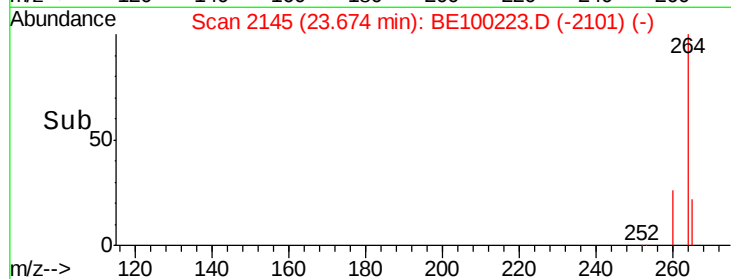
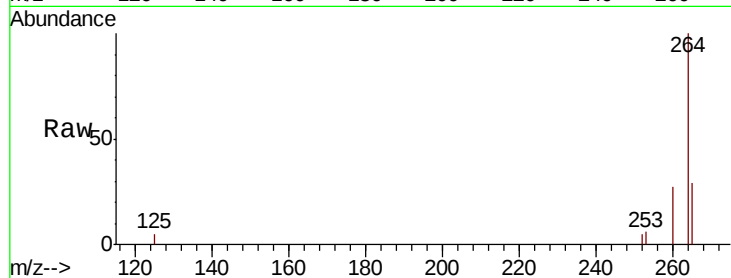
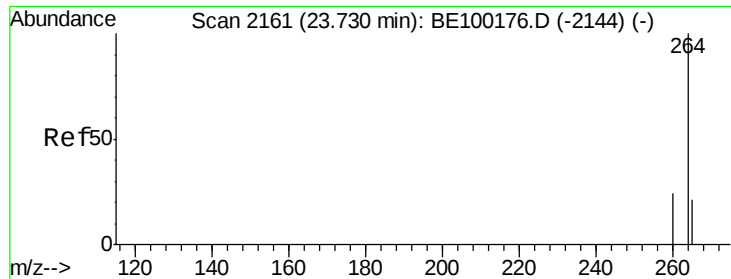


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.67 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BE100223.D

Acq: 28 Jun 2019 2:17

Instrument :

BNA_E

ClientSampleId :

KY038PS038-190617

Tot Ion: 264 Resp: 11254

Ion Ratio Lower Upper

264 100

260 27.3 20.4 30.6

265 29.5 22.5 33.7

