

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE012020\
 Data File : BE101100.D
 Acq On : 20 Jan 2020 13:51
 Operator : JU
 Sample : L1116-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-200113

Quant Time: Jan 21 02:53:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 18:36:25 2020
 Response via : Initial Calibration

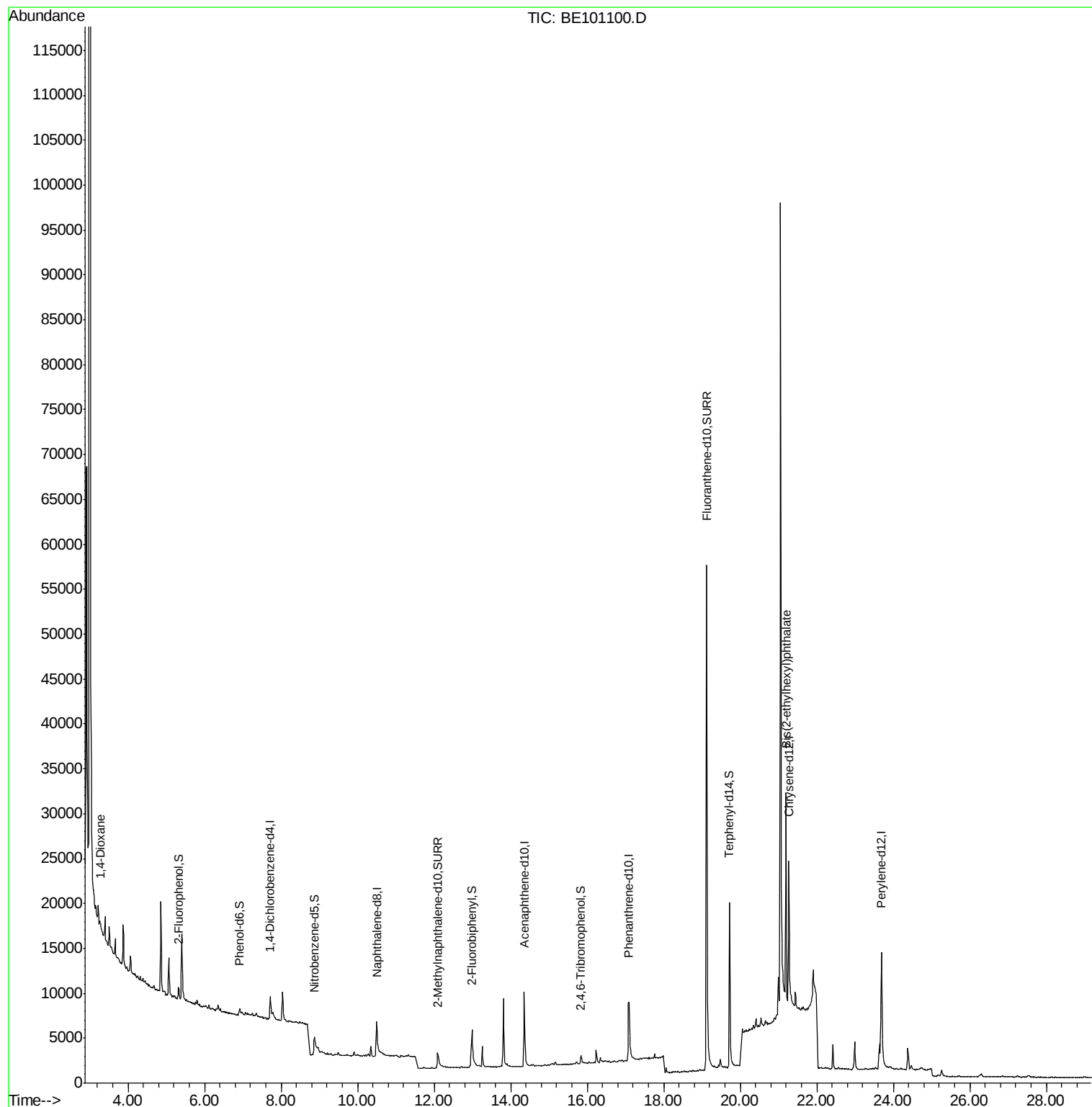
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1822	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	7323	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	5891	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	15788	0.40	ng	0.00
27) Chrysene-d12	21.27	240	19750	0.40	ng	-0.01
34) Perylene-d12	23.69	264	23692	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	844	0.21	ng	0.00
5) Phenol-d6	6.91	99	536	0.10	ng	0.00
8) Nitrobenzene-d5	8.87	82	2392	0.46	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	4911	0.35	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	817	0.49	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	7965	0.36	ng	-0.02
25) Fluoranthene-d10	19.12	212	95512	0.44	ng	-0.01
29) Terphenyl-d14	19.72	244	20213	0.42	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.28	88	927	0.126	ng	Qvalue # 59
32) Bis(2-ethylhexyl)phthalate	21.20	149	29054	0.309	ng	100

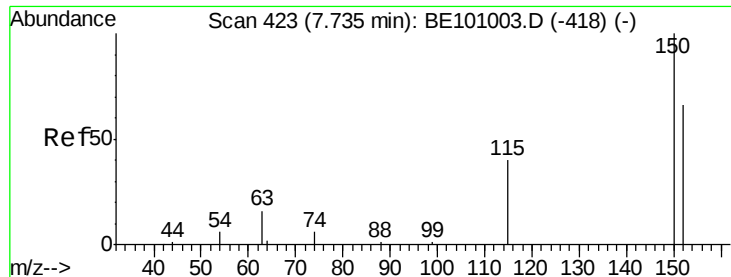
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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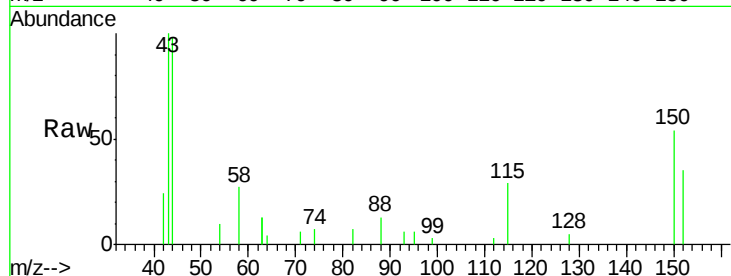


#1

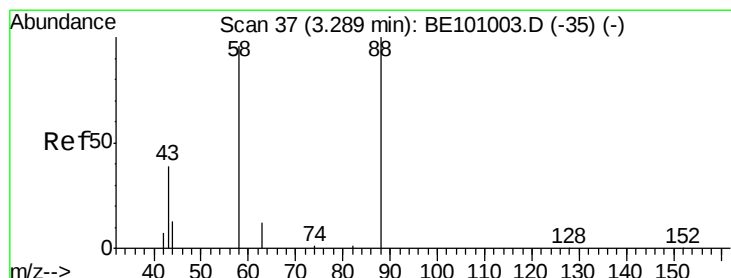
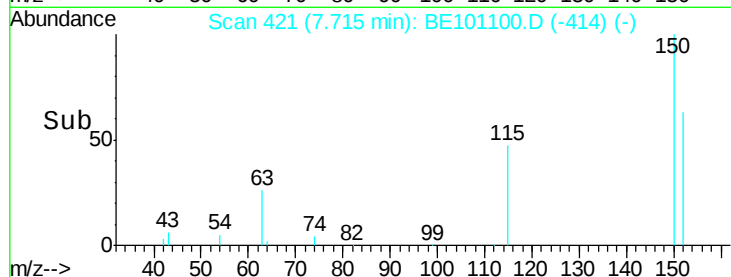
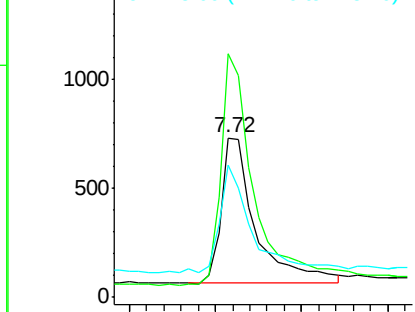
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 421
Delta R.T. -0.02 min
Lab File: BE101100.D
Acq: 20 Jan 2020 13:51

Instrument :
BNA_E
ClientSampleId :
KY038PS037-200113

Tot Ion:152 Resp: 1822
Ion Ratio Lower Upper
152 100
150 152.9 120.3 180.5
115 82.7 51.7 77.5#



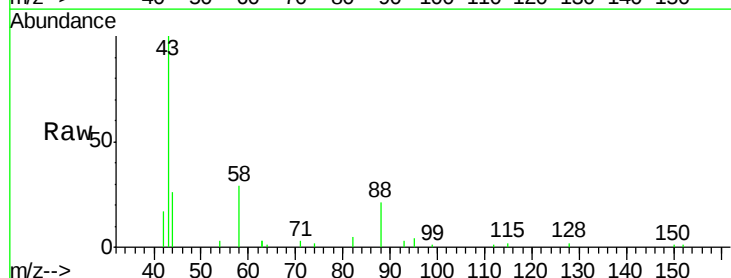
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



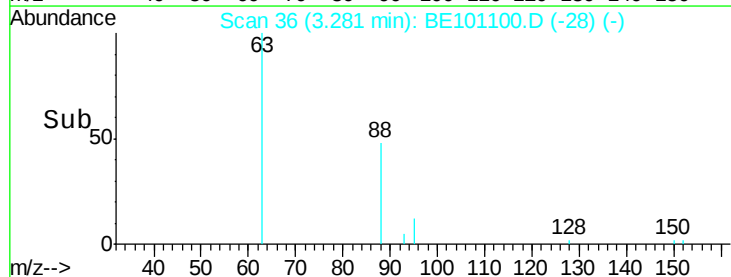
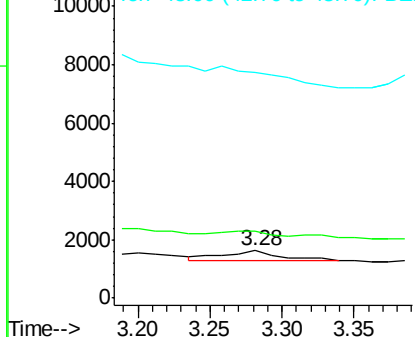
#2

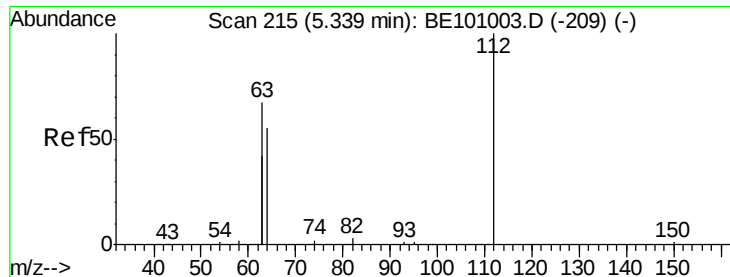
1,4-Dioxane
Concen: 0.126 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE101100.D
Acq: 20 Jan 2020 13:51

Tgt Ion: 88 Resp: 927
Ion Ratio Lower Upper
88 100
58 38.3 53.0 79.4#
43 0.0 23.4 35.2#



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: 0.206 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

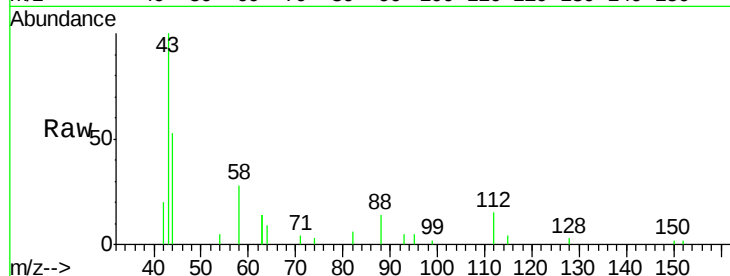
Tot Ion:112 Resp: 844

Ion Ratio Lower Upper

112 100

64 71.4 53.6 80.4

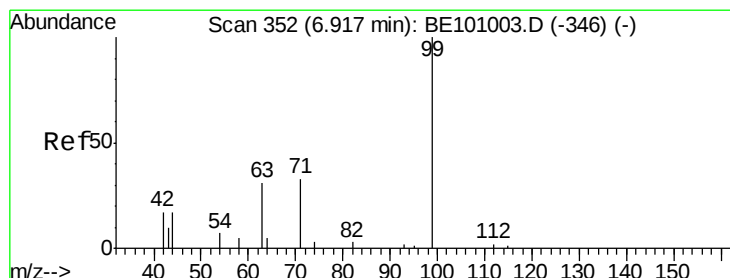
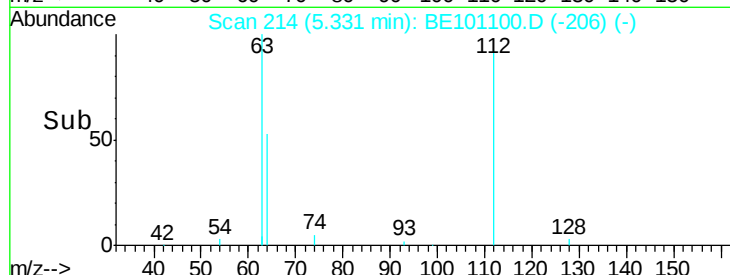
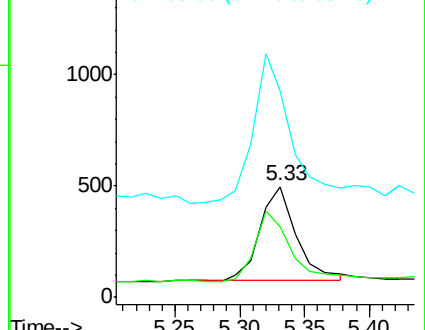
63 164.9 114.6 172.0



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: 0.103 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

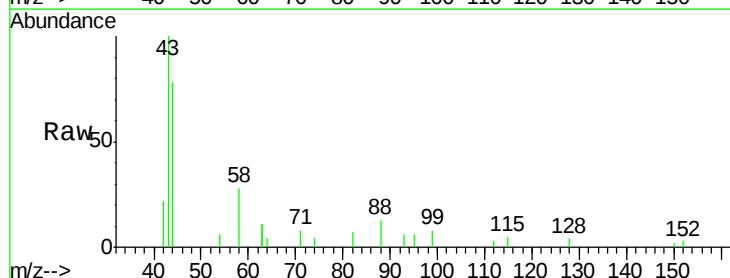
Tgt Ion: 99 Resp: 536

Ion Ratio Lower Upper

99 100

42 45.0 18.3 27.5#

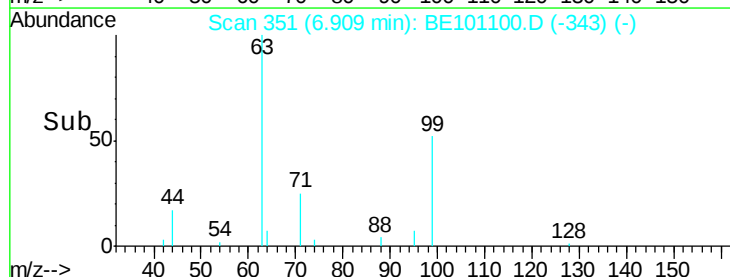
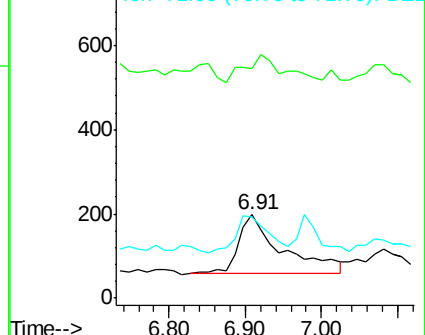
71 0.0 28.0 42.0#

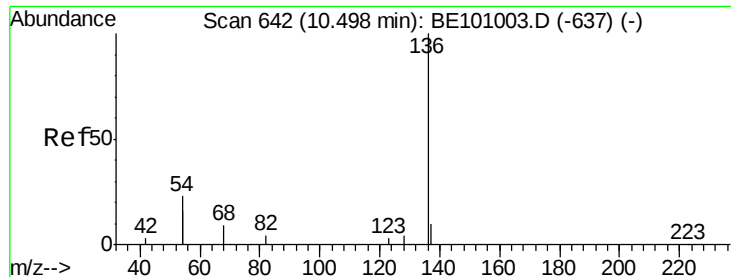


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: 10.50 min Scan# 641

Delta R.T. -0.00 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

Tot Ion:136 Resp: 7323

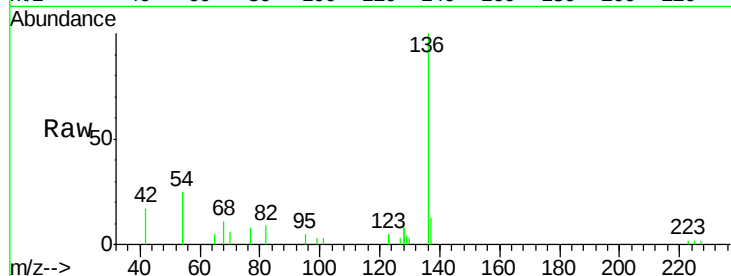
Ion Ratio Lower Upper

136 100

137 13.4 9.3 13.9

54 49.6 36.8 55.2

68 11.2 8.4 12.6

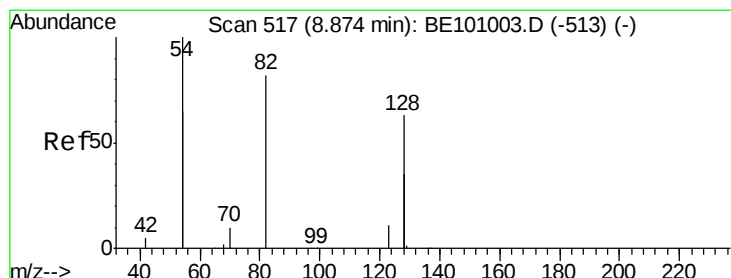
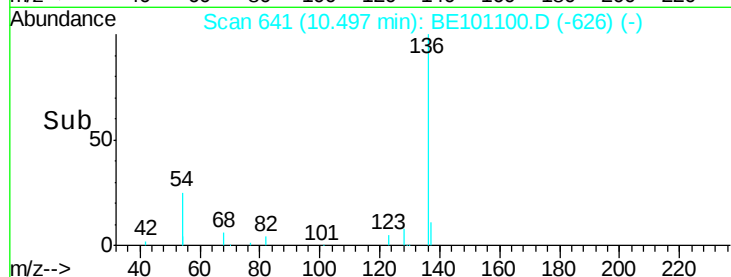
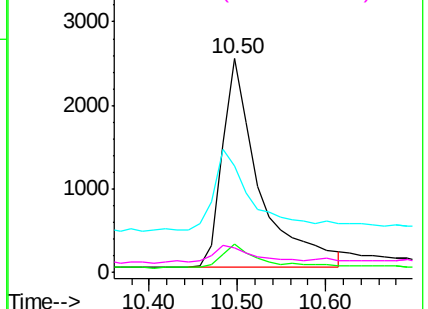


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.457 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

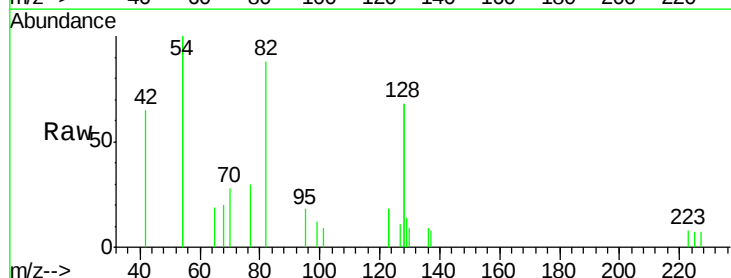
Tgt Ion: 82 Resp: 2392

Ion Ratio Lower Upper

82 100

128 153.3 109.8 164.6

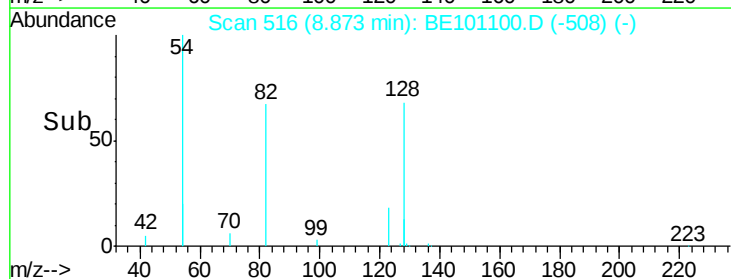
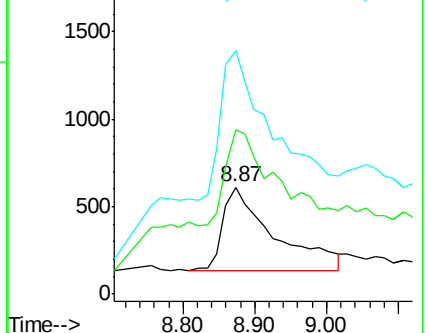
54 227.1 174.5 261.7

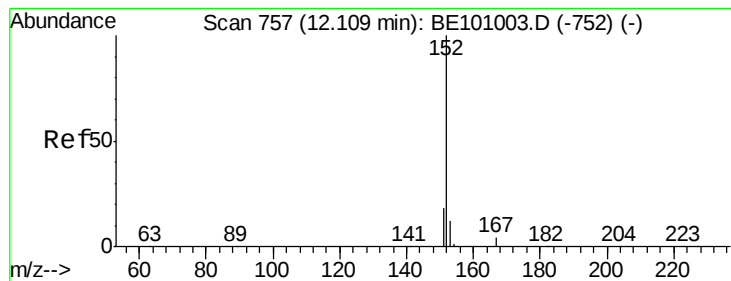


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

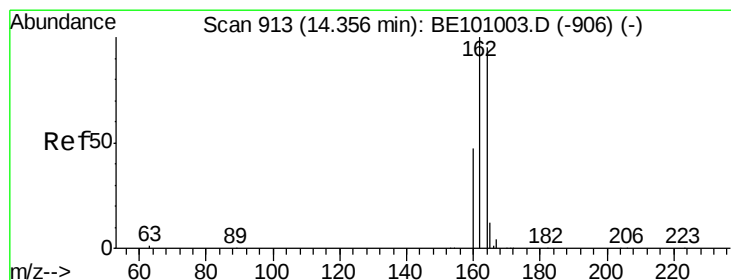
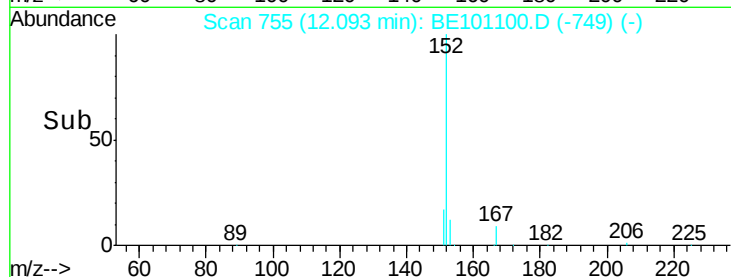
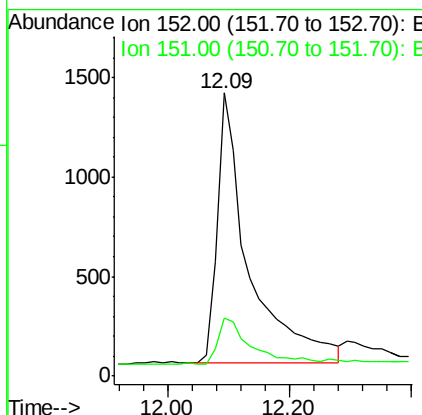
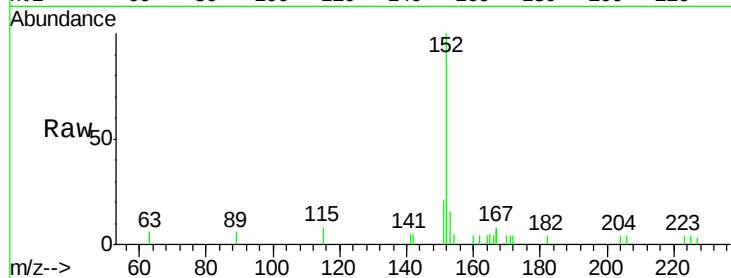




#11
2-Methylnaphthalene-d10
Concen: 0.351 ng
RT: 12.09 min Scan# 755
Delta R.T. -0.02 min
Lab File: BE101100.D
Acq: 20 Jan 2020 13:51

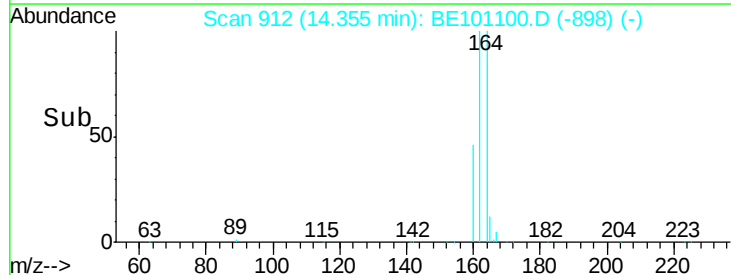
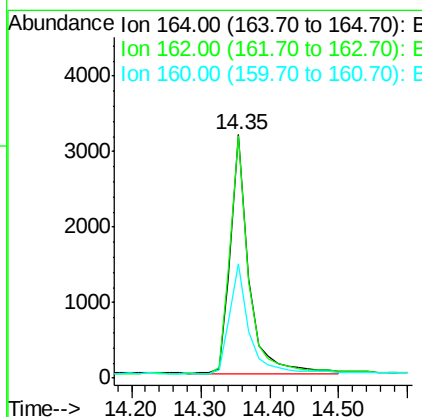
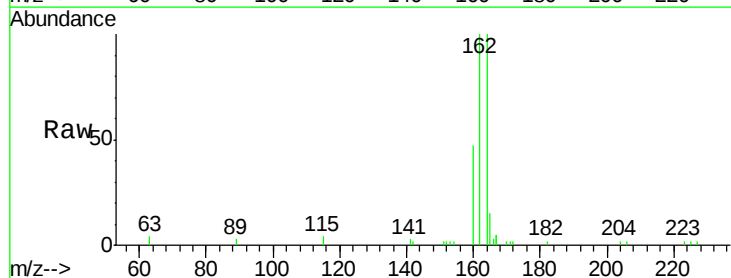
Instrument :
BNA_E
ClientSampleId :
KY038PS037-200113

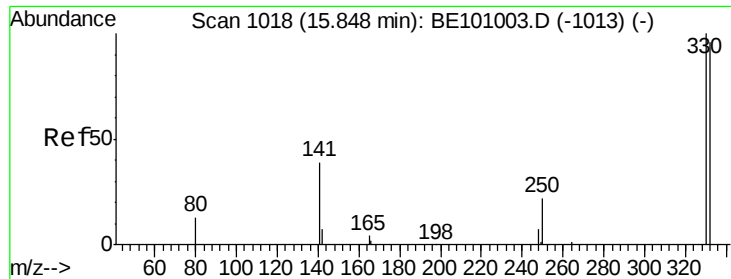
Tot Ion:152 Resp: 4911
Ion Ratio Lower Upper
152 100
151 19.0 15.0 22.6



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.35 min Scan# 912
Delta R.T. -0.00 min
Lab File: BE101100.D
Acq: 20 Jan 2020 13:51

Tgt Ion:164 Resp: 5891
Ion Ratio Lower Upper
164 100
162 99.7 84.1 126.1
160 46.9 40.4 60.6

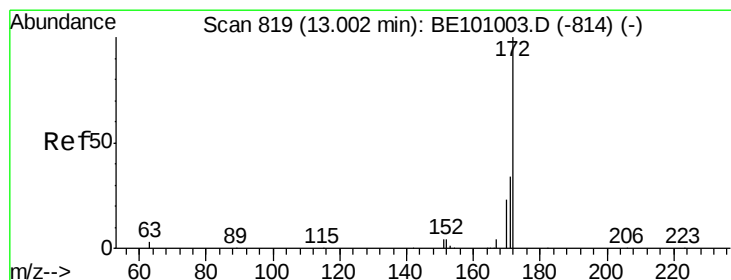
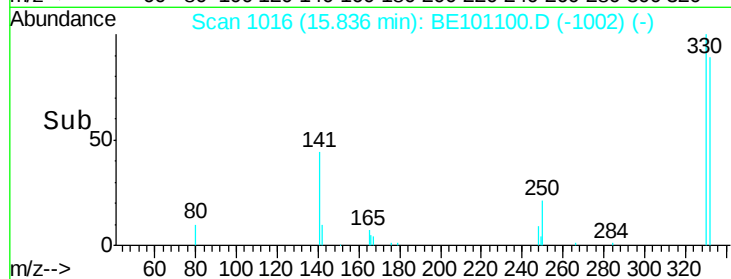
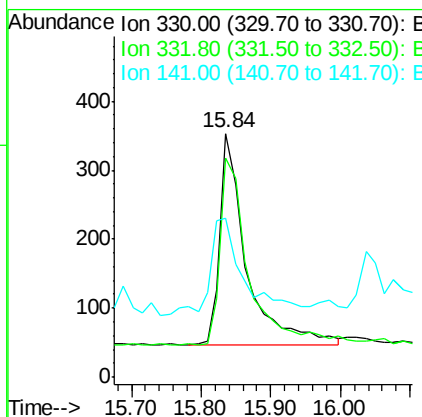
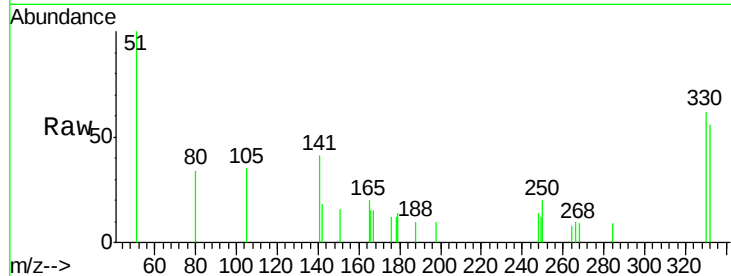




#14
 2,4,6-Tribromophenol
 Concen: 0.491 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE101100.D
 Acq: 20 Jan 2020 13:51

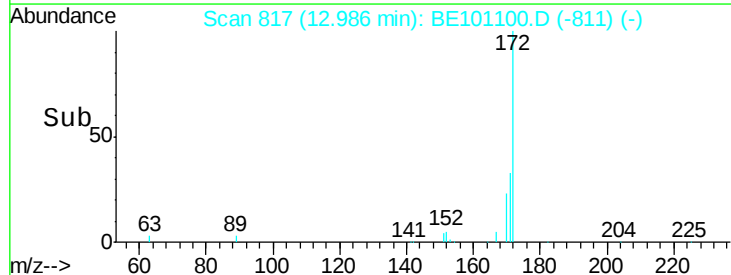
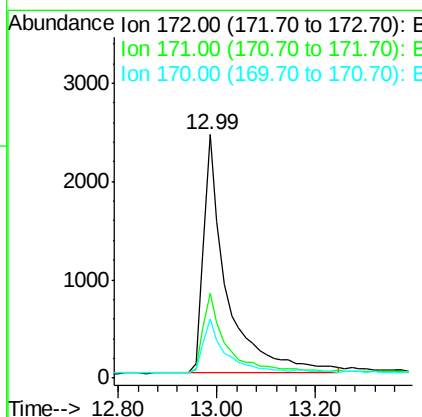
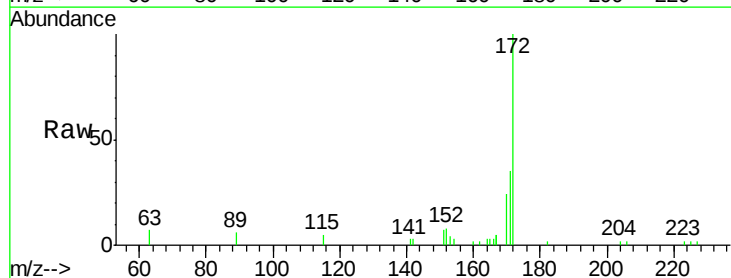
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-200113

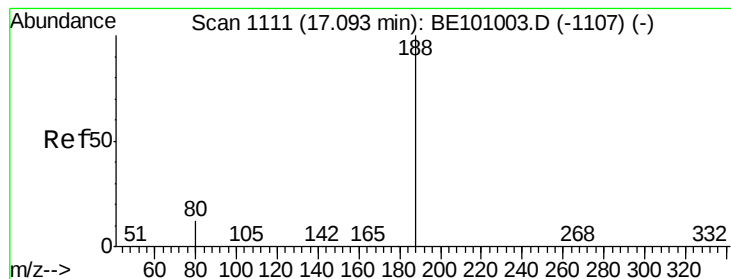
Tot Ion:330 Resp: 817
 Ion Ratio Lower Upper
 330 100
 332 95.0 78.4 117.6
 141 60.0 37.0 55.4#



#15
 2-Fluorobiphenyl
 Concen: 0.356 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BE101100.D
 Acq: 20 Jan 2020 13:51

Tgt Ion:172 Resp: 7965
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.2 42.2
 170 24.5 18.9 28.3





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.09 min Scan# 1110

Delta R.T. 0.00 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

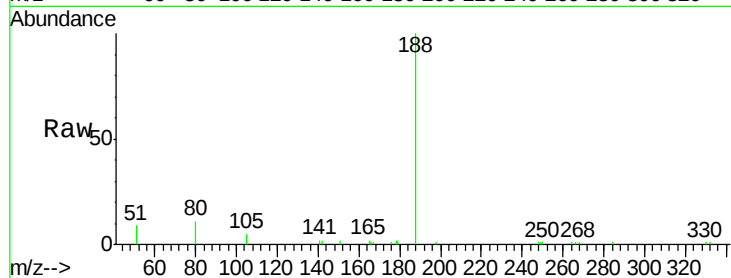
Tot Ion:188 Resp: 15788

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

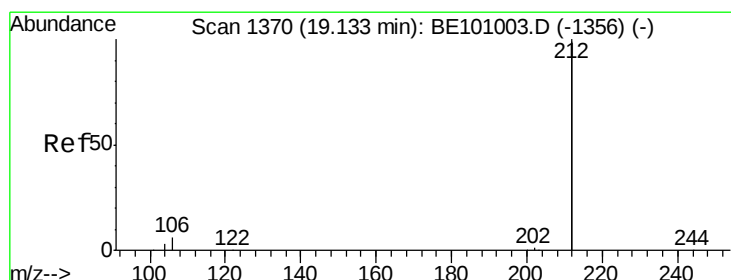
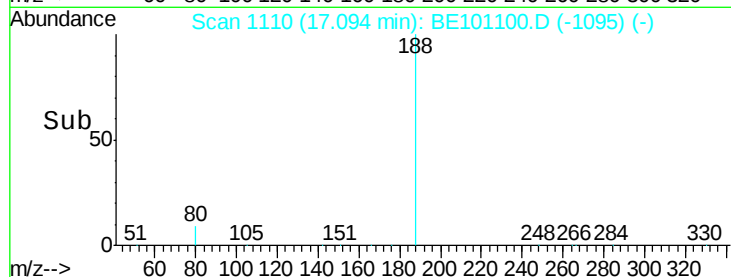
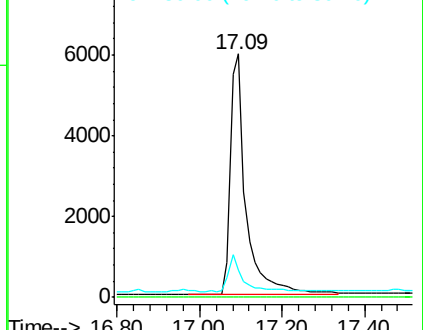
80 11.4 10.8 16.2



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



#25

Fluoranthene-d10

Concen: 0.436 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

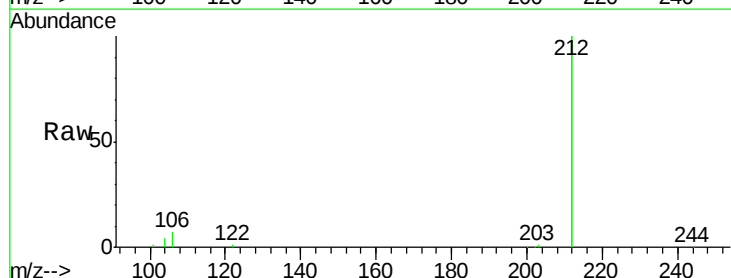
Tgt Ion:212 Resp: 95512

Ion Ratio Lower Upper

212 100

106 3.5 2.6 3.8

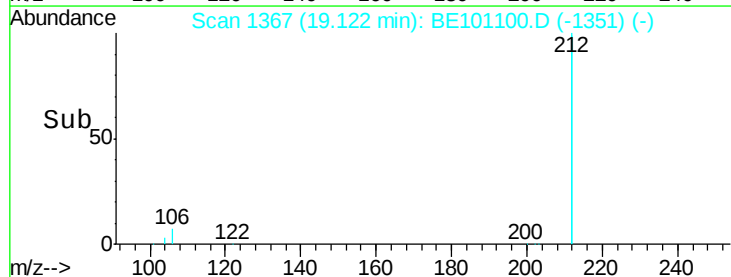
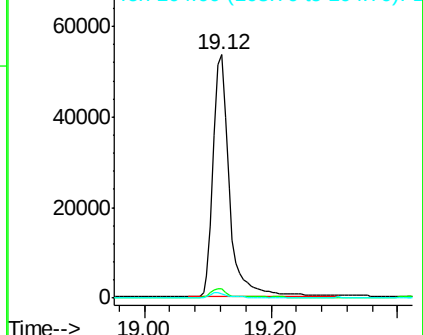
104 2.0 1.4 2.0

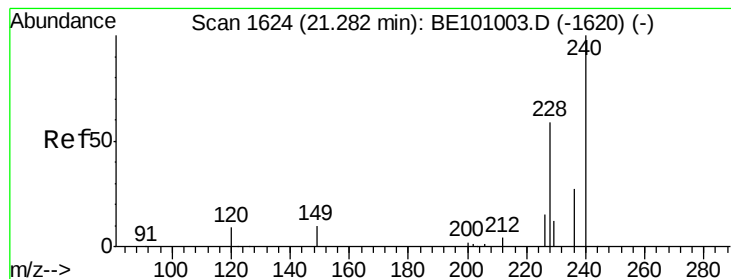


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.27 min Scan# 1621

Delta R.T. -0.01 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

Instrument :

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KY038PS037-200113

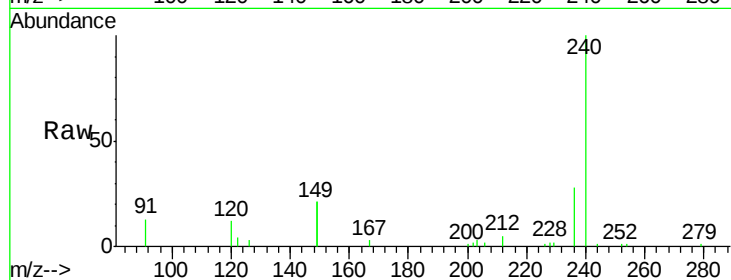
Tot Ion:240 Resp: 19750

Ion Ratio Lower Upper

240 100

120 12.3 8.6 13.0

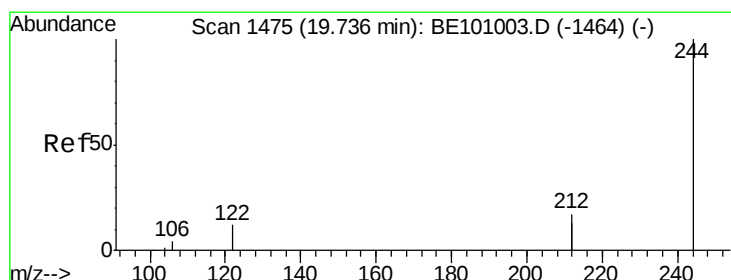
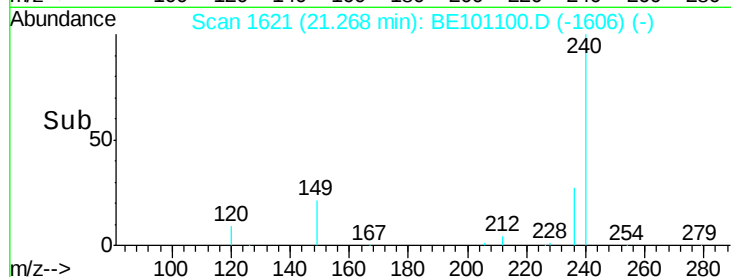
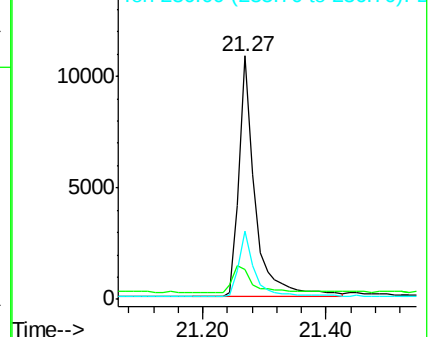
236 27.9 22.2 33.4



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: 0.417 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

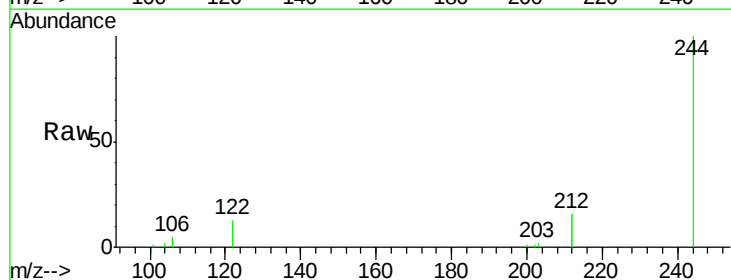
Tgt Ion:244 Resp: 20213

Ion Ratio Lower Upper

244 100

212 32.1 27.2 40.8

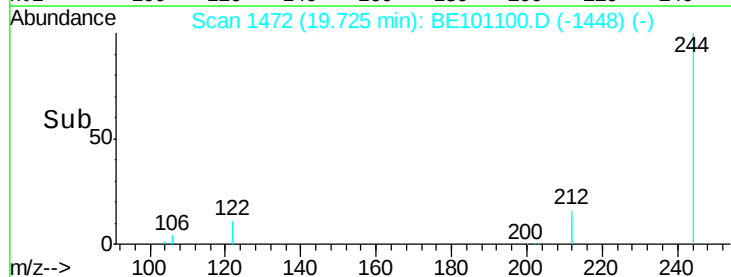
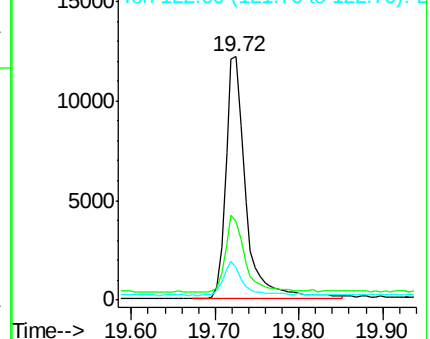
122 13.2 9.8 14.8

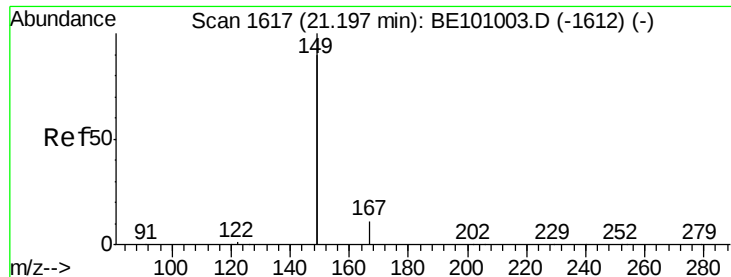


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

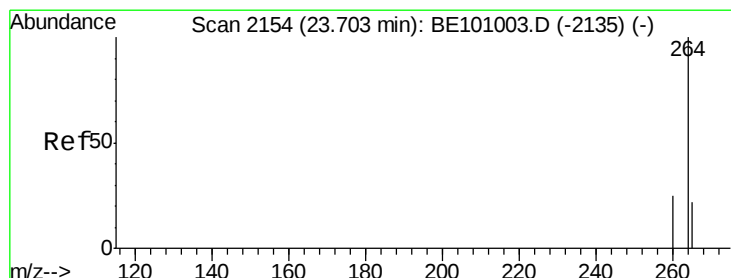
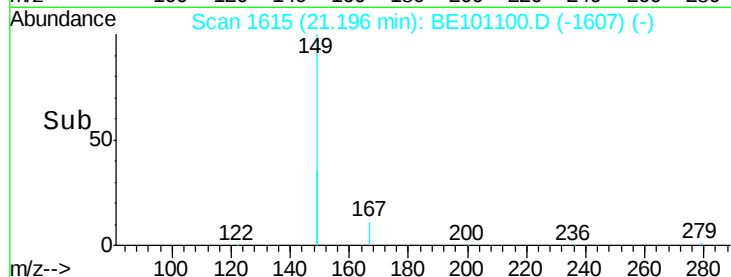
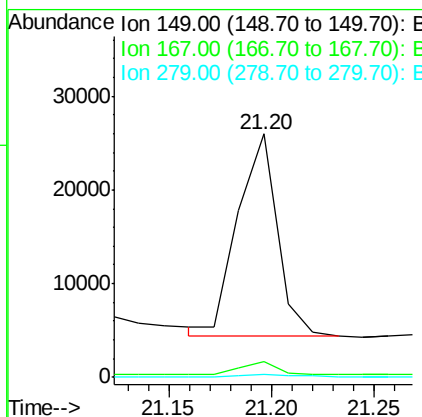
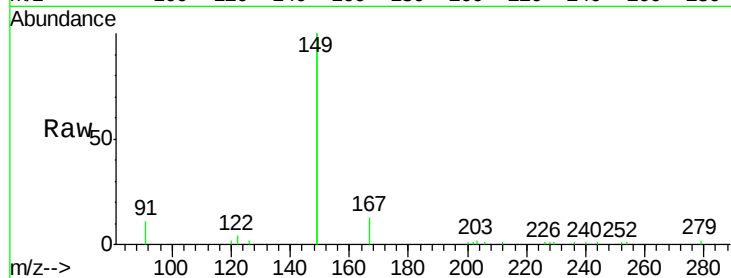




#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.309 ng
 RT: 21.20 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BE101100.D
 Acq: 20 Jan 2020 13:51

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-200113

Tot Ion:149 Resp: 29054
 Ion Ratio Lower Upper
 149 100
 167 6.5 5.2 7.8
 279 0.9 0.8 1.2



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.69 min Scan# 2148
 Delta R.T. -0.02 min
 Lab File: BE101100.D
 Acq: 20 Jan 2020 13:51

Tgt Ion:264 Resp: 23692
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.3 30.5
 265 26.1 27.0 40.4#

