

Data File : BE101074.D
Acq On : 16 Jan 2020 13:21
Operator : JU
Sample : L1116-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS037-200113

Quant Time: Jan 17 07:44:48 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

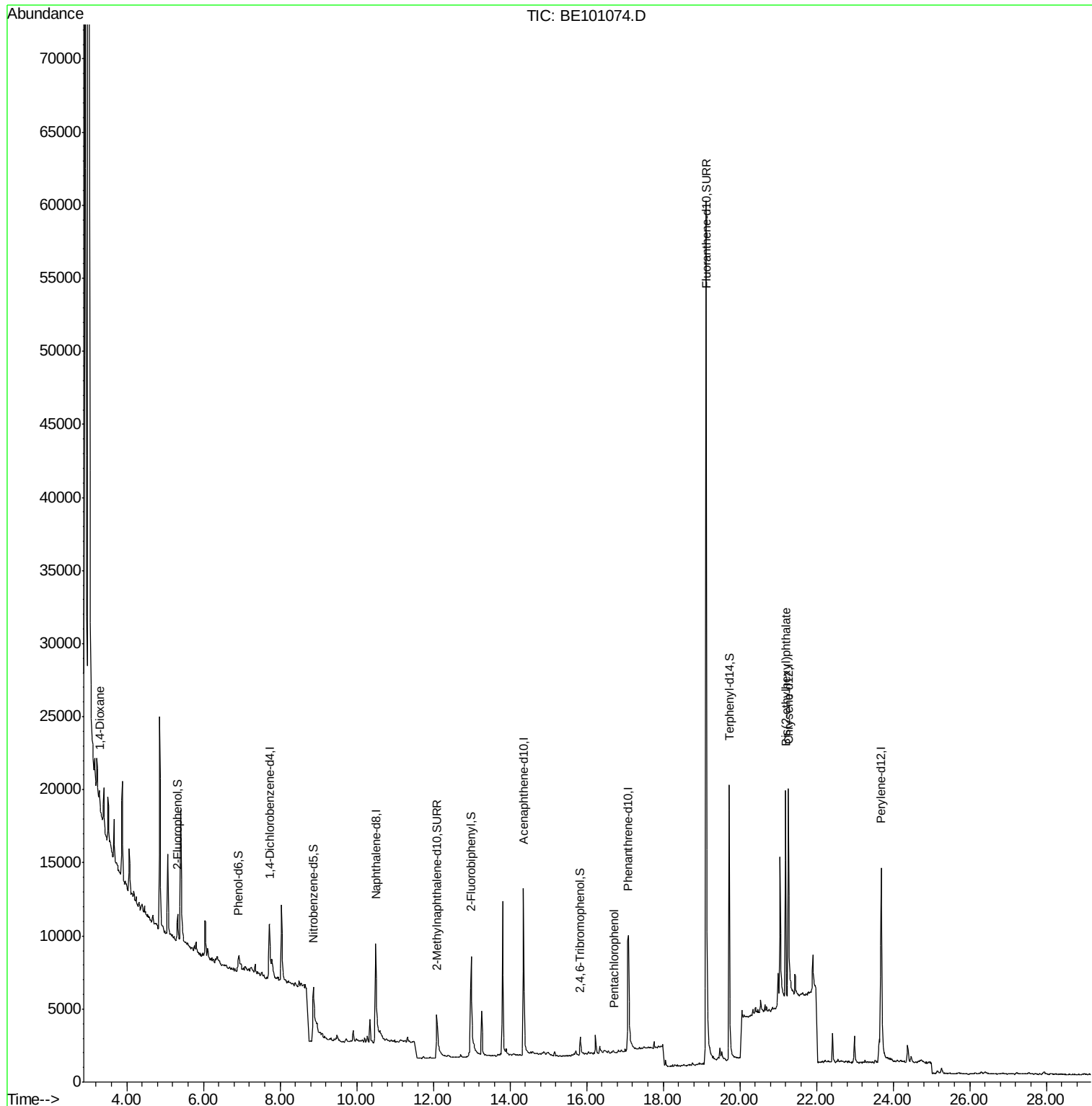
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	2938	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	12648	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7952	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	18854	0.40	ng	0.00
27) Chrysene-d12	21.27	240	19551	0.40	ng	-0.01
34) Perylene-d12	23.69	264	24131	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1217	0.18	ng	0.00
5) Phenol-d6	6.91	99	889	0.11	ng	0.00
8) Nitrobenzene-d5	8.87	82	3800	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	7557	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	988	0.44	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	11936	0.40	ng	-0.02
25) Fluoranthene-d10	19.12	212	102131	0.39	ng	-0.01
29) Terphenyl-d14	19.72	244	19975	0.42	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	1017	0.028	ng	# 78
22) Pentachlorophenol	16.73	266	6	0.252	ng	# 84
32) Bis(2-ethylhexyl)phthalate	21.20	149	17082	0.184	ng	99

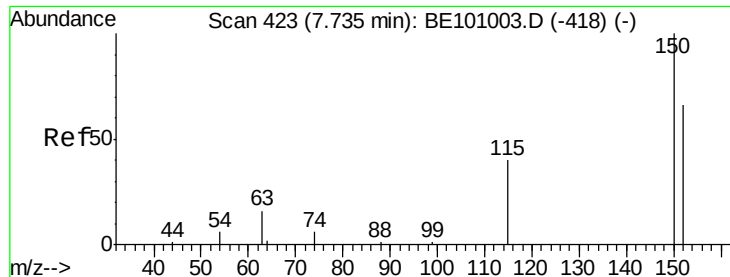
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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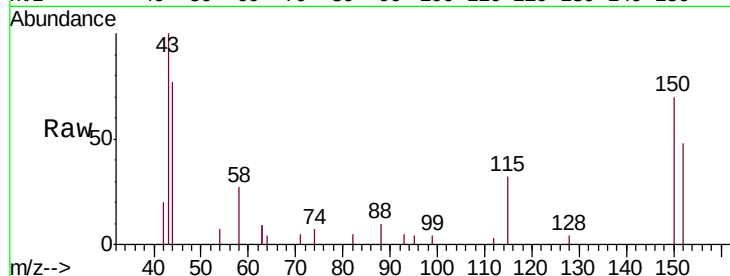


#1

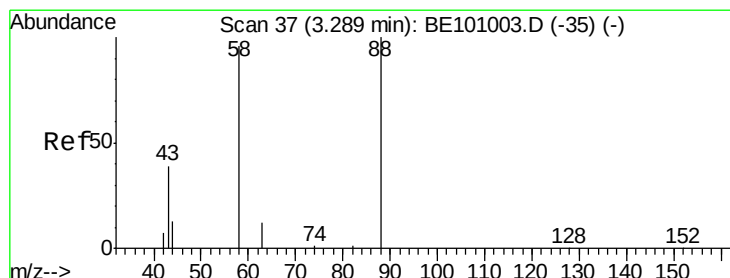
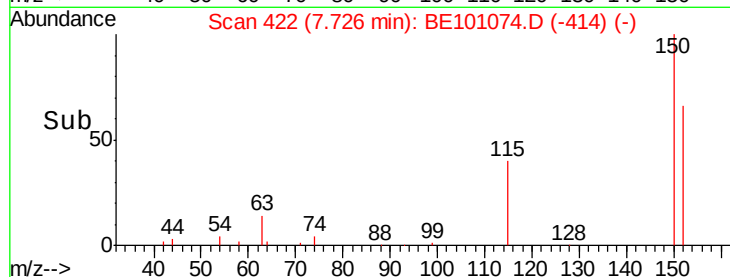
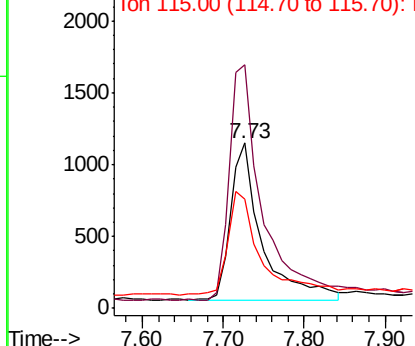
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101074.D
Acq: 16 Jan 2020 13:21

Instrument :
BNA_E
ClientSampleId :
KY038PS037-200113

Tgt Ion:152 Resp: 2938
Ion Ratio Lower Upper
152 100
150 147.3 120.3 180.5
115 66.0 51.7 77.5



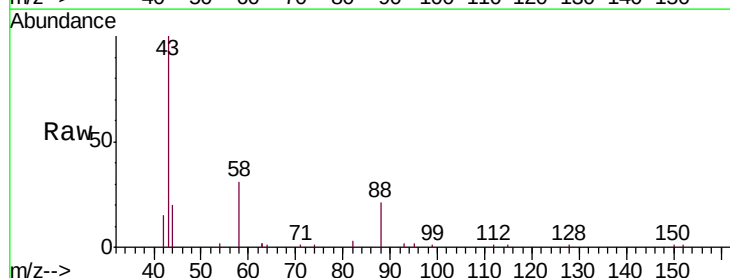
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



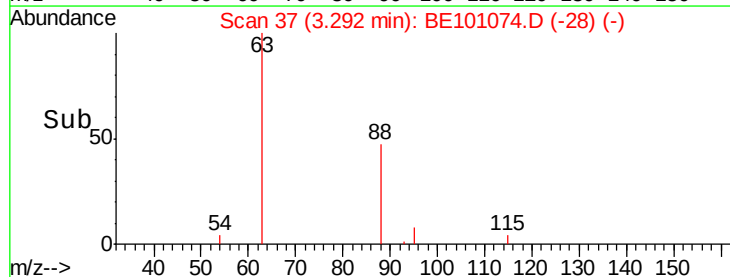
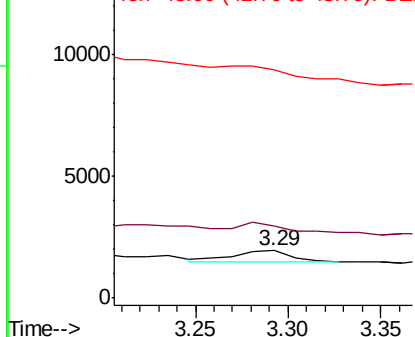
#2

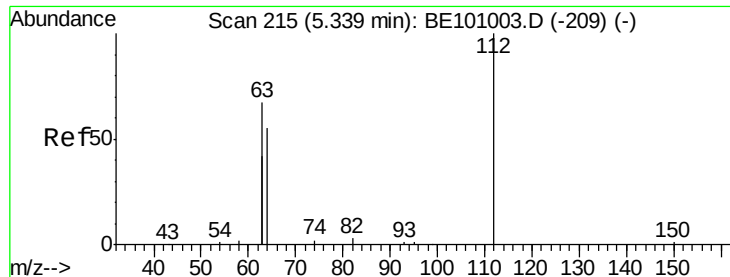
1,4-Dioxane
Concen: 0.028 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101074.D
Acq: 16 Jan 2020 13:21

Tgt Ion: 88 Resp: 1017
Ion Ratio Lower Upper
88 100
58 72.1 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: 0.184 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

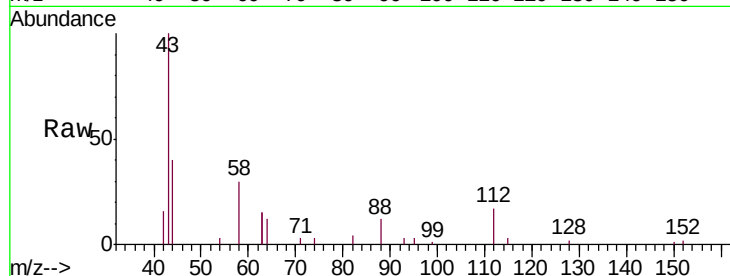
Tgt Ion: 112 Resp: 1217

Ion Ratio Lower Upper

112 100

64 71.7 53.6 80.4

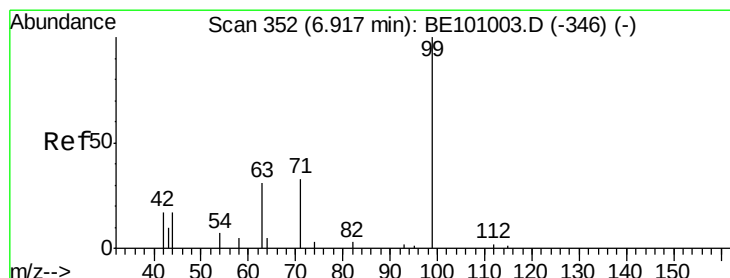
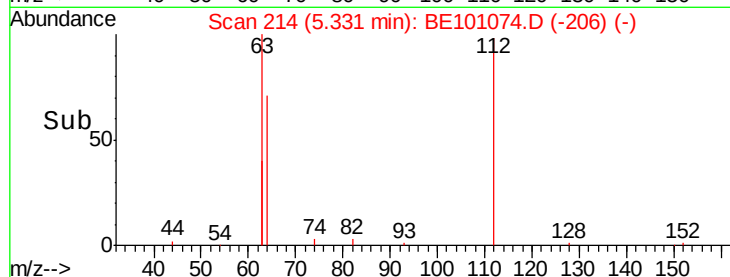
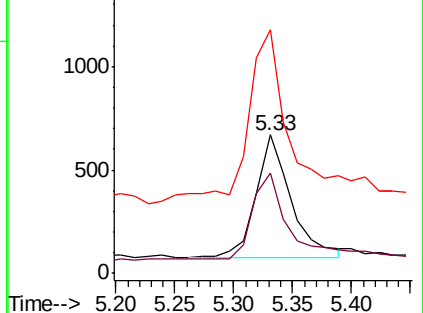
63 132.6 114.6 172.0



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: 0.106 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

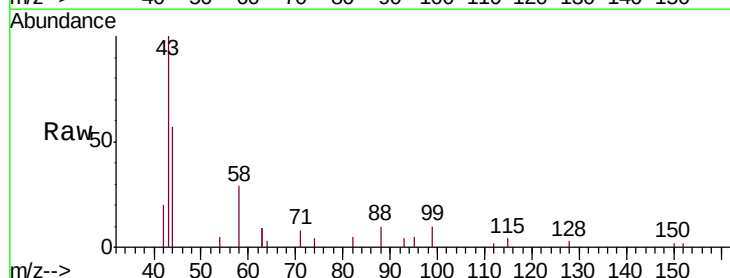
Tgt Ion: 99 Resp: 889

Ion Ratio Lower Upper

99 100

42 26.0 18.3 27.5

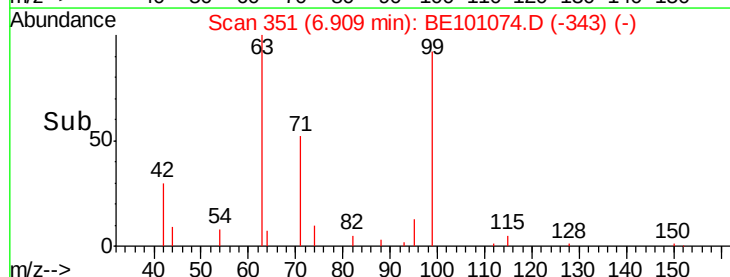
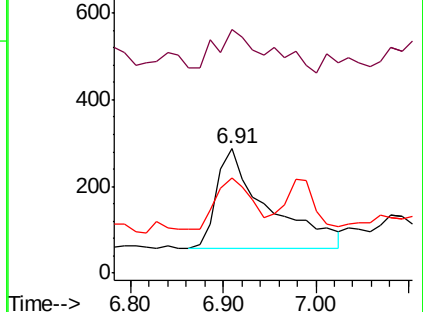
71 36.1 28.0 42.0

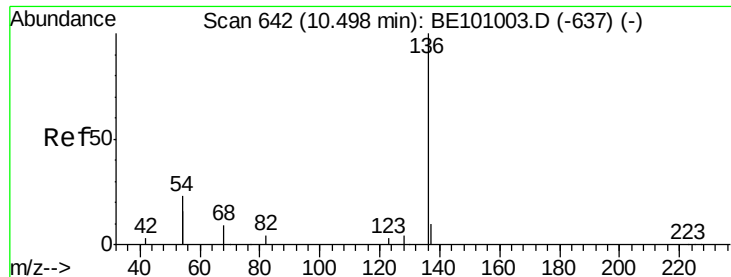


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE101074.D

Acq: 16 Jan 2020 13:21

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

Tgt Ion:136 Resp: 12648

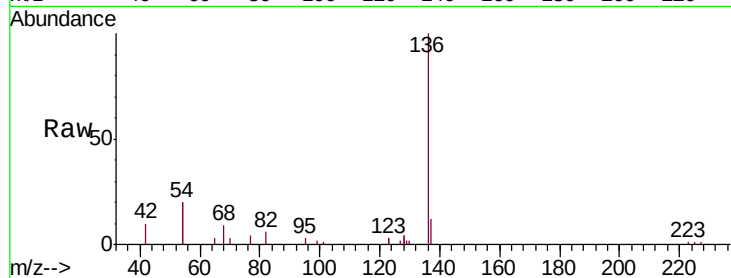
Ion Ratio Lower Upper

136 100

137 12.3 9.3 13.9

54 40.4 36.8 55.2

68 9.3 8.4 12.6

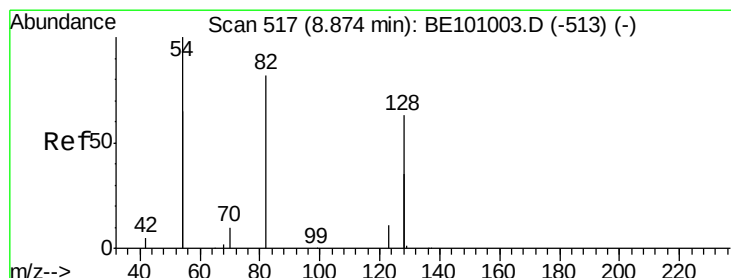
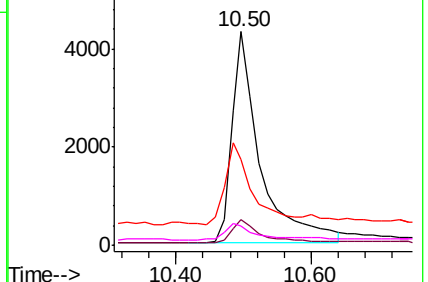
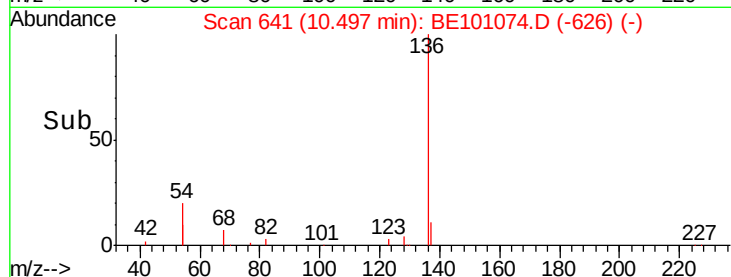


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.420 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

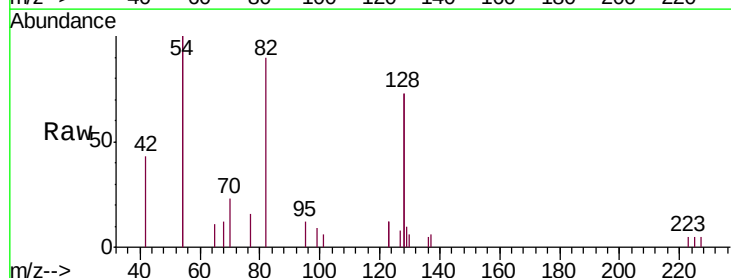
Tgt Ion: 82 Resp: 3800

Ion Ratio Lower Upper

82 100

128 162.8 109.8 164.6

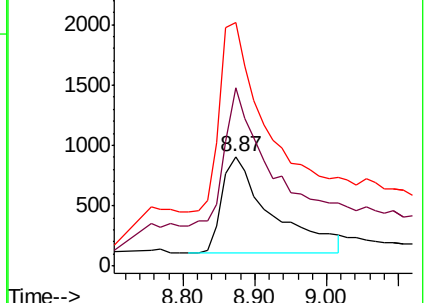
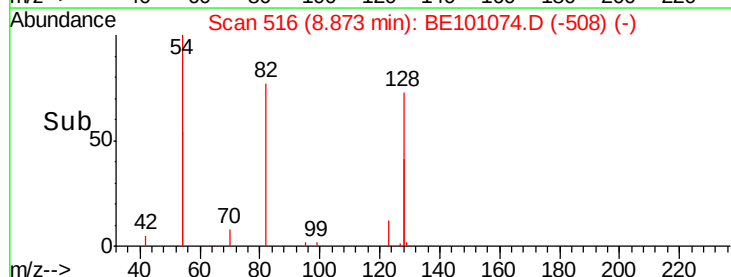
54 221.8 174.5 261.7

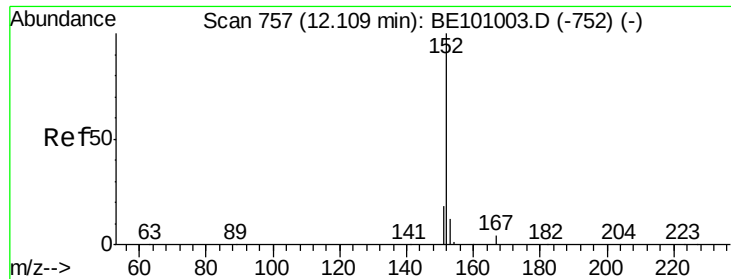


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

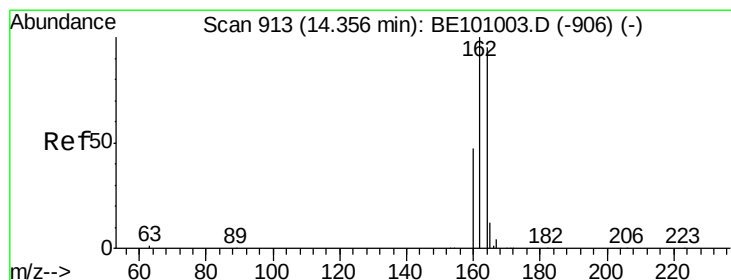
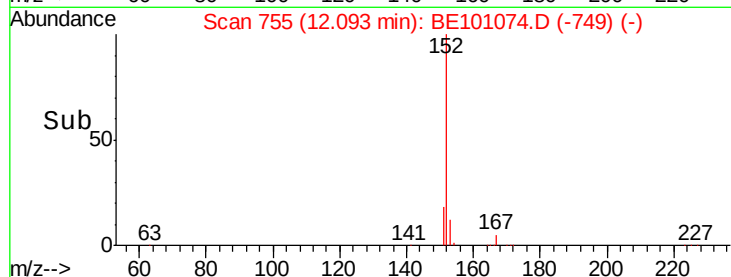
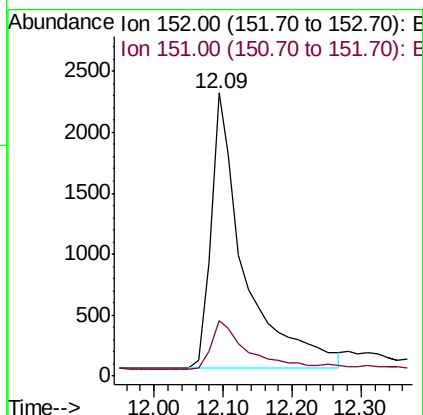
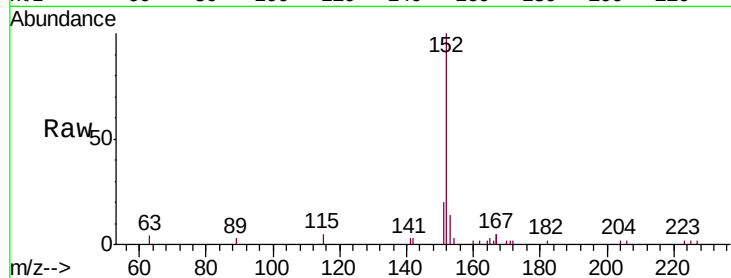




#11
 2-Methylnaphthalene-d10
 Concen: 0.313 ng
 RT: 12.09 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BE101074.D
 Acq: 16 Jan 2020 13:21

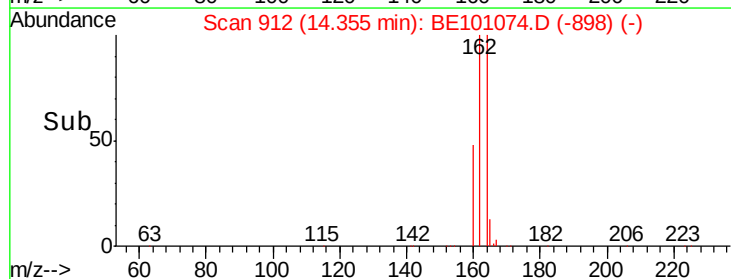
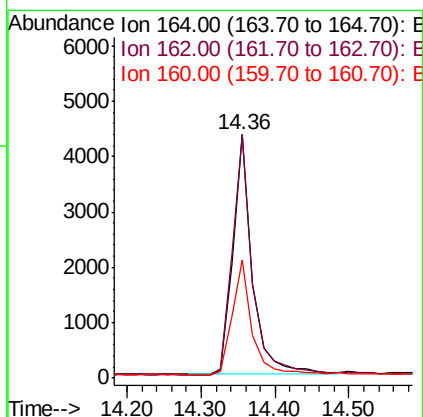
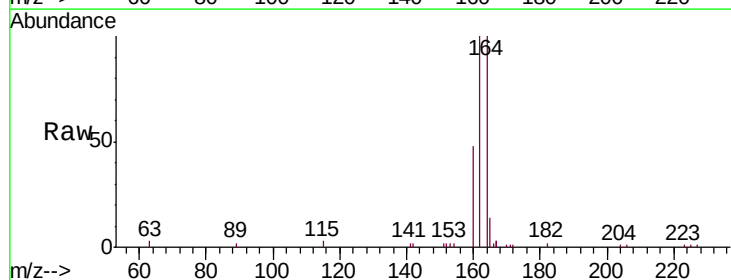
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-200113

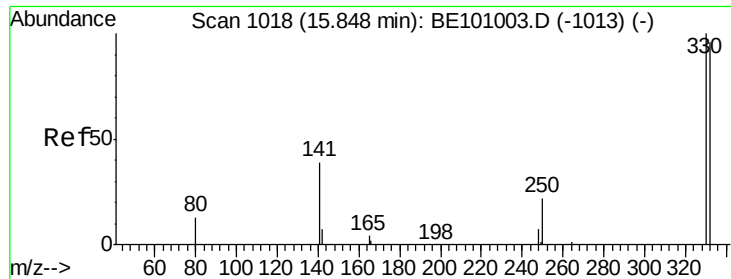
Tgt Ion:152 Resp: 7557
 Ion Ratio Lower Upper
 152 100
 151 20.7 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101074.D
 Acq: 16 Jan 2020 13:21

Tgt Ion:164 Resp: 7952
 Ion Ratio Lower Upper
 164 100
 162 99.9 84.1 126.1
 160 48.3 40.4 60.6

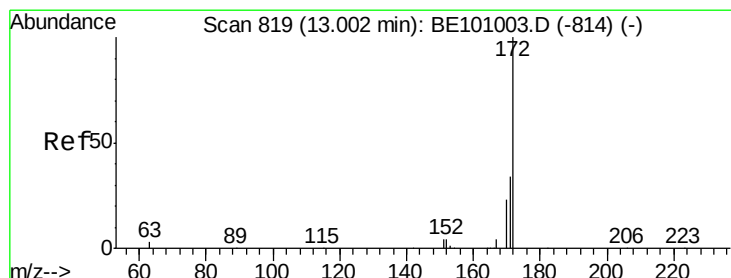
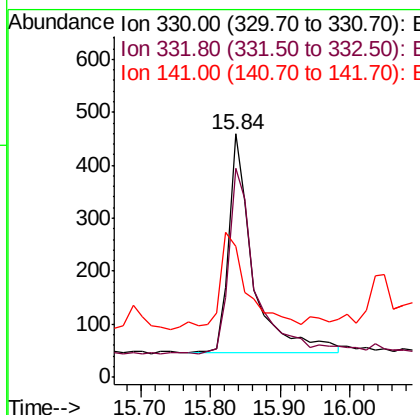
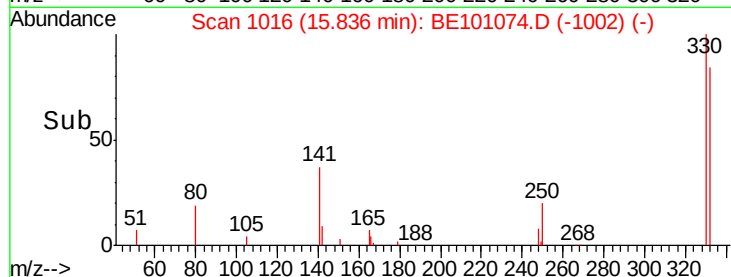
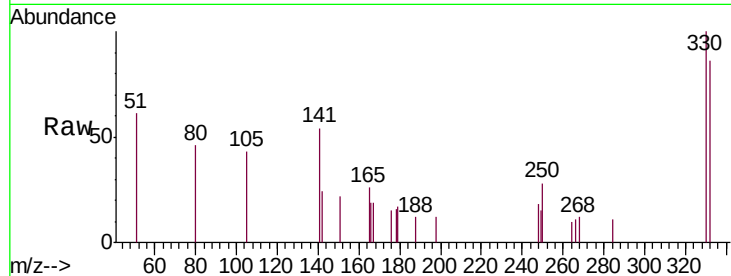




#14
 2,4,6-Tribromophenol
 Concen: 0.440 ng
 RT: 15.84 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BE101074.D
 Acq: 16 Jan 2020 13:21

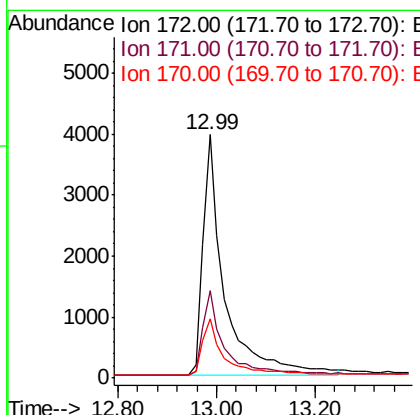
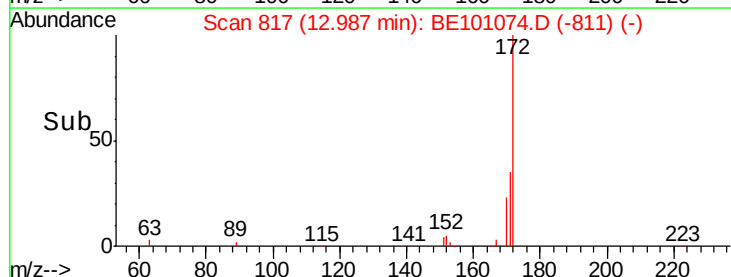
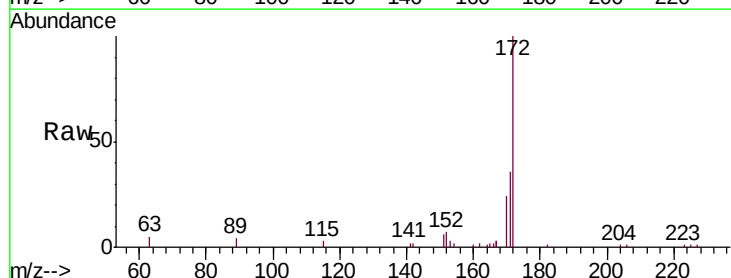
Instrument :
 BNA_E
 ClientSampleId :
 KY038PS037-200113

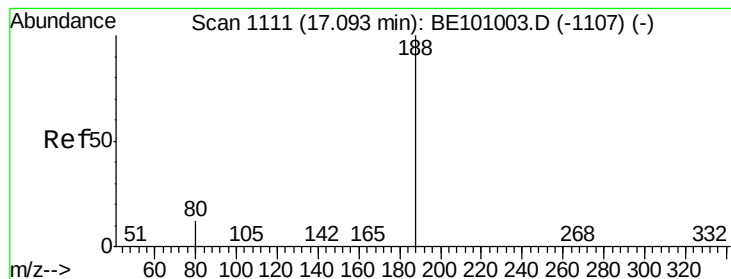
Tgt Ion:330 Resp: 988
 Ion Ratio Lower Upper
 330 100
 332 95.9 78.4 117.6
 141 51.8 37.0 55.4



#15
 2-Fluorobiphenyl
 Concen: 0.395 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BE101074.D
 Acq: 16 Jan 2020 13:21

Tgt Ion:172 Resp: 11936
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.2 42.2
 170 24.3 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: BE101074.D

Acq: 16 Jan 2020 13:21

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

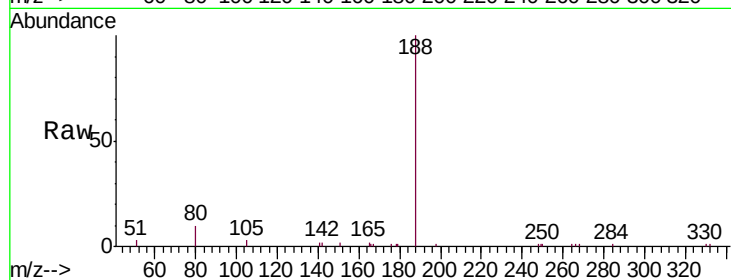
Tgt Ion:188 Resp: 18854

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

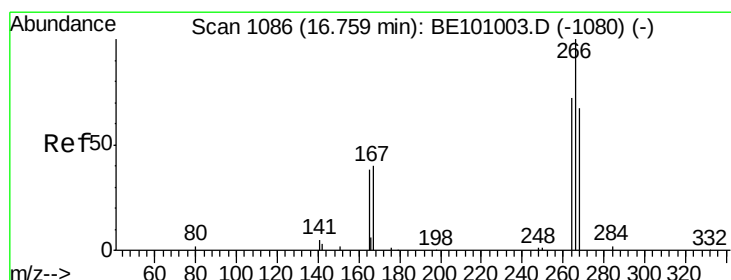
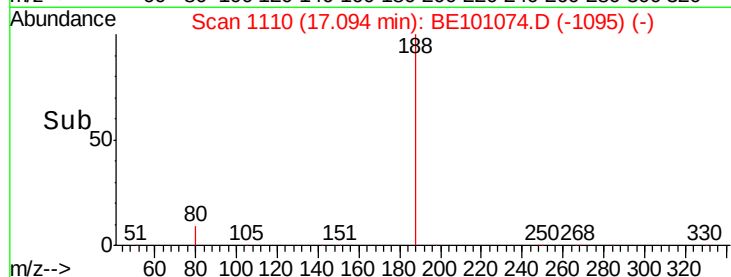
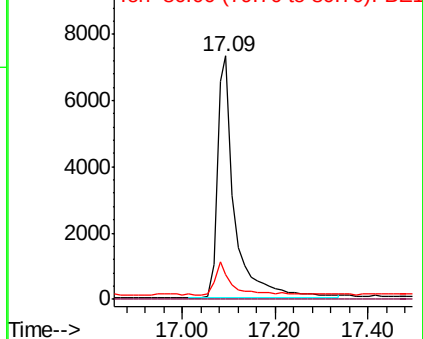
80 10.2 10.8 16.2#



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



#22

Pentachlorophenol

Concen: 0.252 ng

RT: 16.73 min Scan# 1083

Delta R.T. -0.03 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

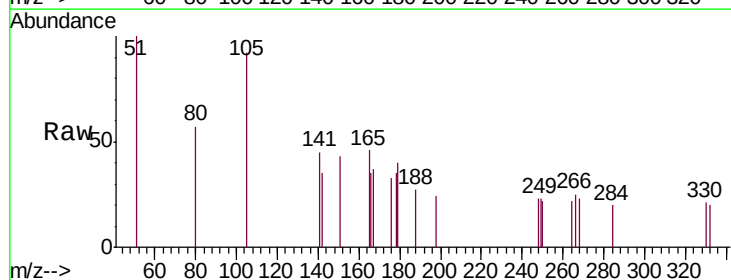
Tgt Ion:266 Resp: 6

Ion Ratio Lower Upper

266 100

264 85.0 61.0 91.4

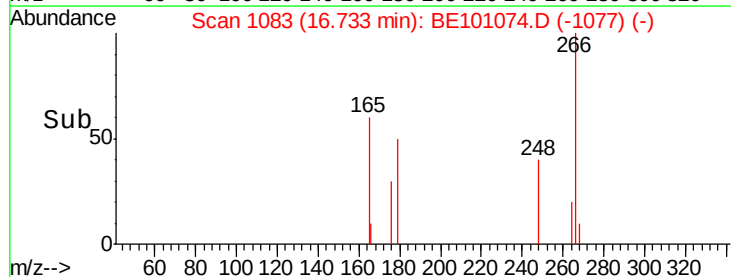
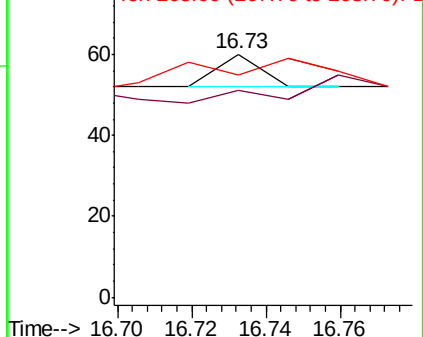
268 91.7 58.5 87.7#

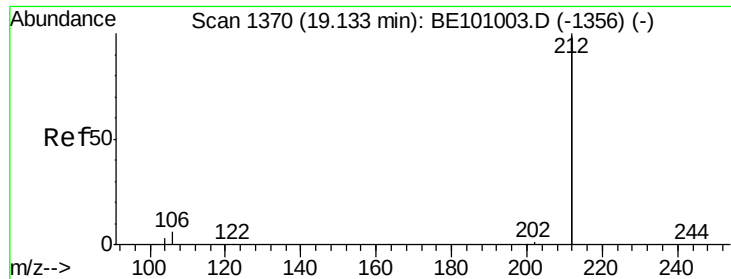


Abundance Ion 266.00 (265.70 to 266.70): E

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: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

Instrument :

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KY038PS037-200113

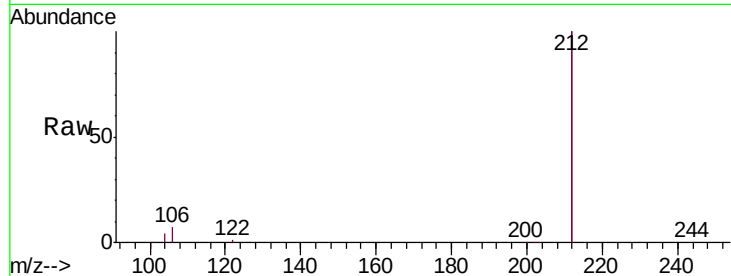
Tgt Ion:212 Resp: 102131

Ion Ratio Lower Upper

212 100

106 3.3 2.6 3.8

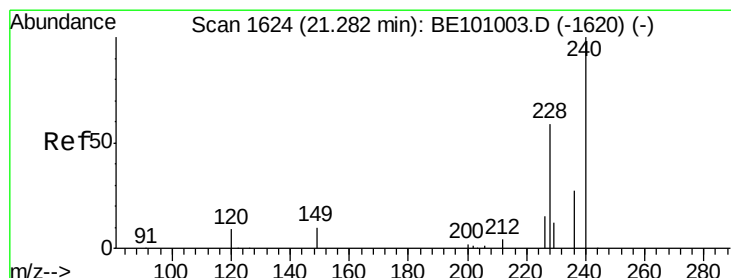
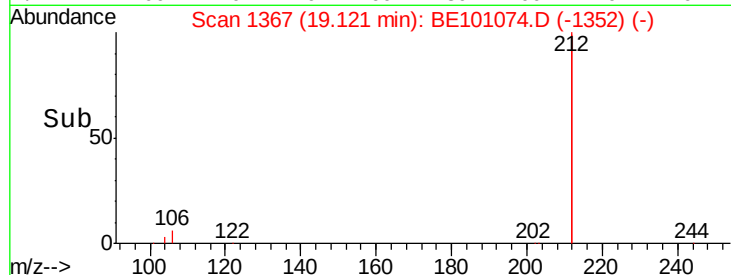
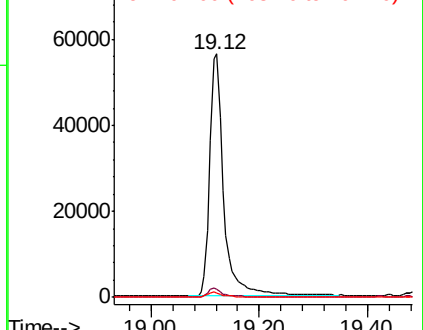
104 1.9 1.4 2.0



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# 1622

Delta R.T. -0.01 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

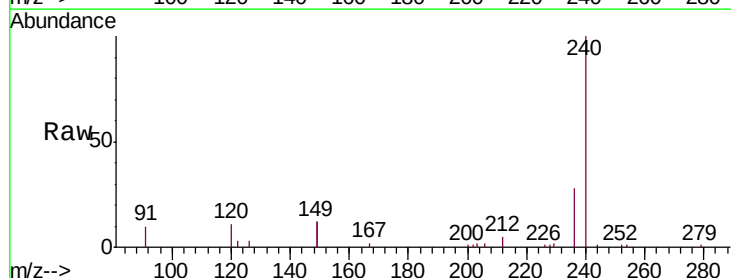
Tgt Ion:240 Resp: 19551

Ion Ratio Lower Upper

240 100

120 11.1 8.6 13.0

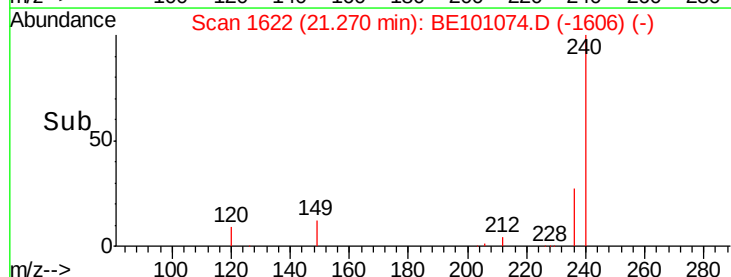
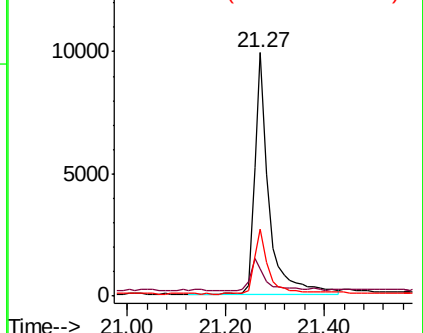
236 27.7 22.2 33.4

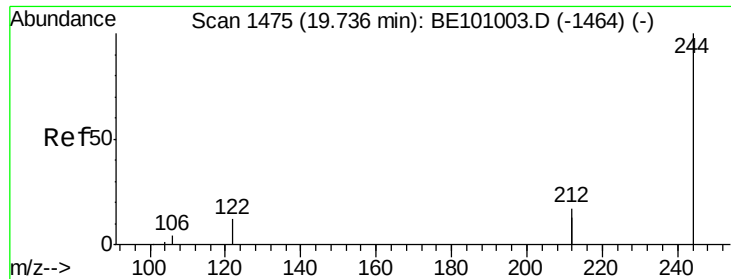


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.416 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

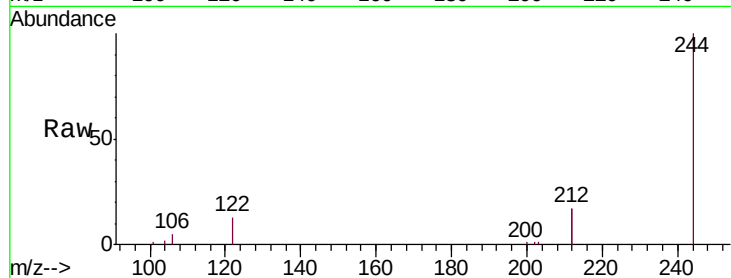
Tgt Ion:244 Resp: 19975

Ion Ratio Lower Upper

244 100

212 33.5 27.2 40.8

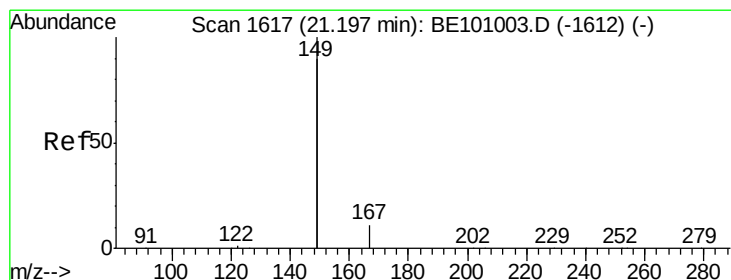
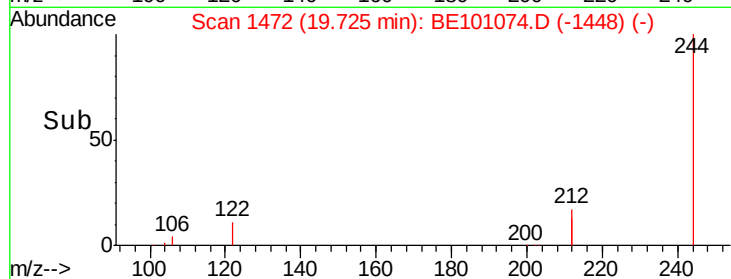
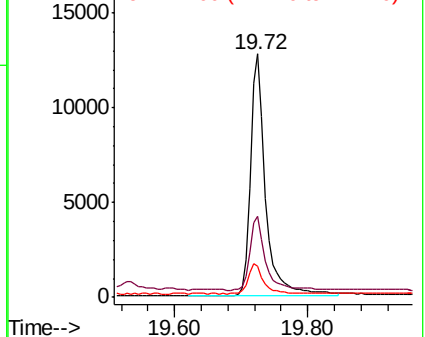
122 12.8 9.8 14.8



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: 0.184 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

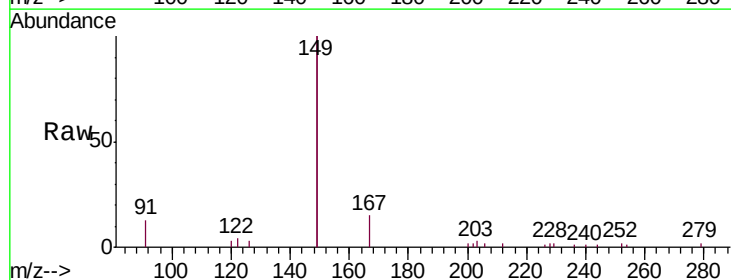
Tgt Ion:149 Resp: 17082

Ion Ratio Lower Upper

149 100

167 6.9 5.2 7.8

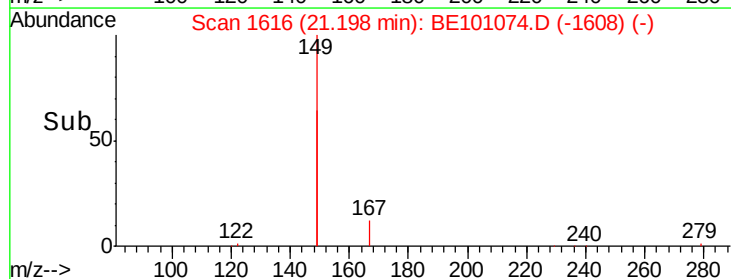
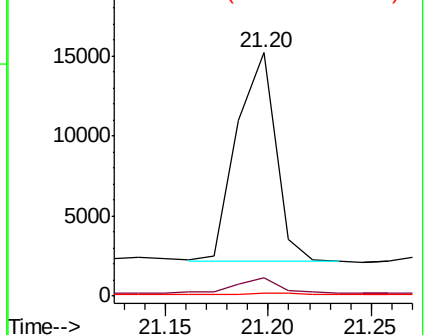
279 1.1 0.8 1.2

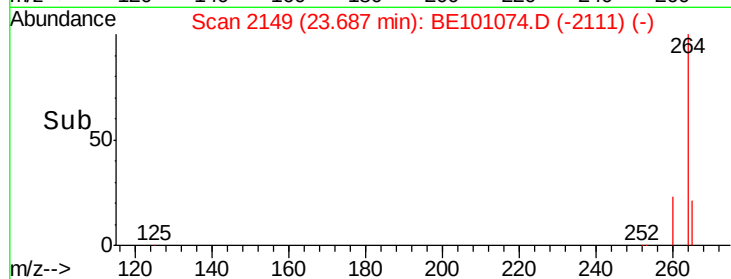
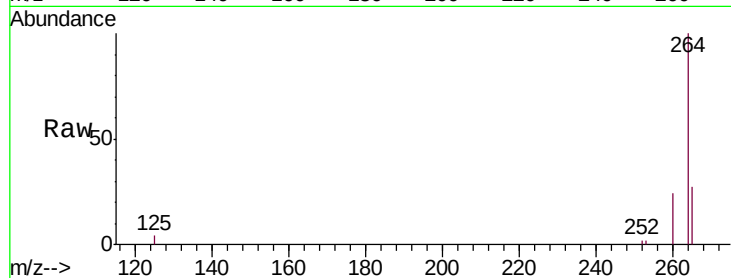
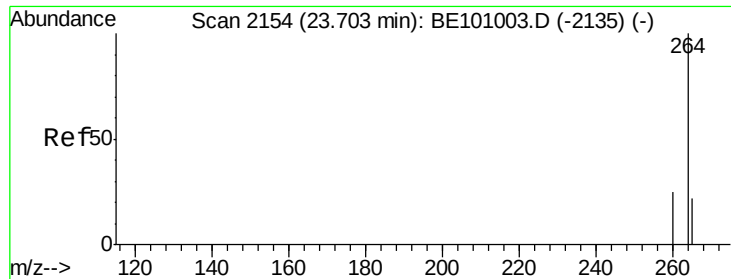


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.69 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BE101074.D

Acq: 16 Jan 2020 13:21

Instrument :

BNA_E

ClientSampleId :

KY038PS037-200113

Tgt Ion:264 Resp: 24131

Ion Ratio Lower Upper

264 100

260 24.0 20.3 30.5

265 26.7 27.0 40.4#

