

Data File : BE101066.D
Acq On : 15 Jan 2020 20:21
Operator : JU
Sample : L1116-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-200113

Quant Time: Jan 16 04:15:25 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

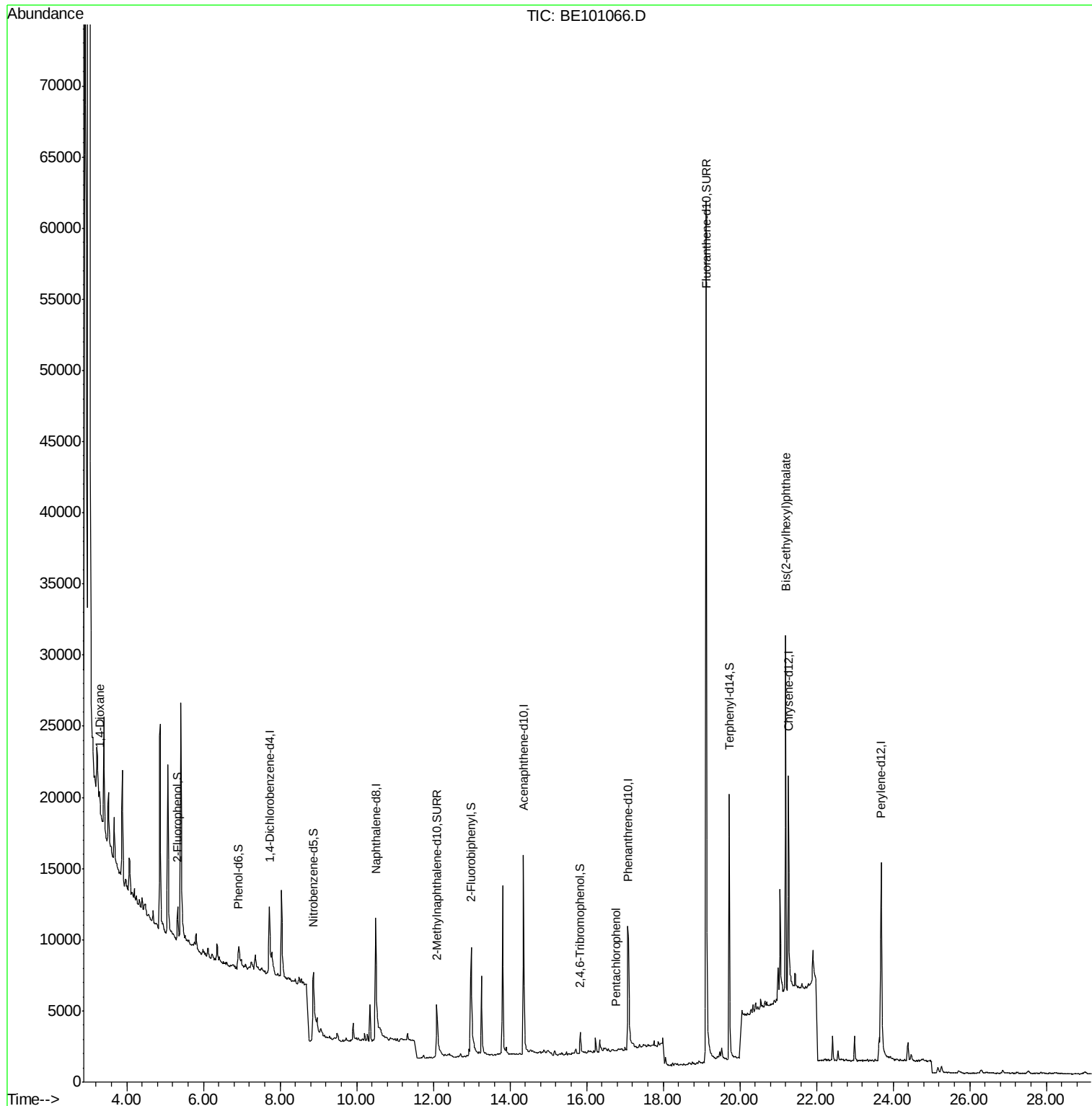
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	3546	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	15211	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	9168	0.40	ng	0.00
19) Phenanthrene-d10	17.08	188	19794	0.40	ng	-0.01
27) Chrysene-d12	21.27	240	19149	0.40	ng	-0.01
34) Perylene-d12	23.69	264	24848	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1511	0.19	ng	0.00
5) Phenol-d6	6.91	99	1133	0.11	ng	0.00
8) Nitrobenzene-d5	8.87	82	4847	0.45	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	9043	0.31	ng	-0.02
14) 2,4,6-Tribromophenol	15.84	330	1063	0.41	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	13488	0.39	ng	-0.02
25) Fluoranthene-d10	19.12	212	99001	0.36	ng	-0.01
29) Terphenyl-d14	19.72	244	19371	0.41	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.29	88	1226	0.028	ng	# 73
22) Pentachlorophenol	16.76	266	21	0.255	ng	# 81
32) Bis(2-ethylhexyl)phthalate	21.20	149	27580	0.303	ng	99

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

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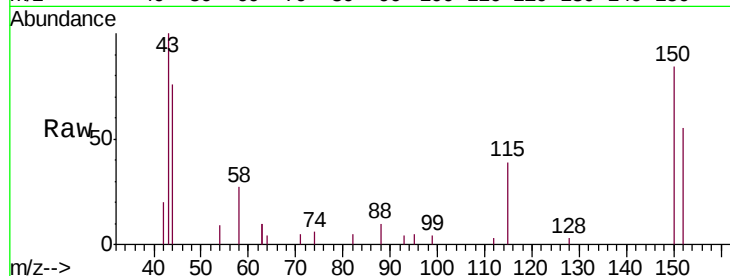


#1

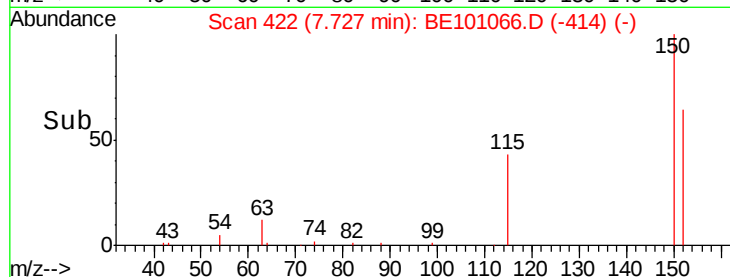
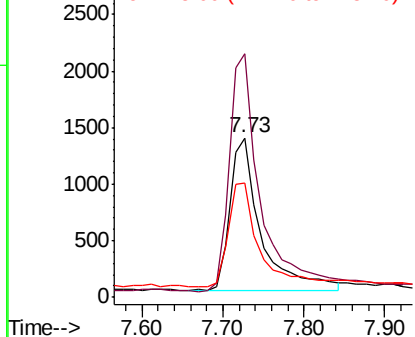
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.73 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101066.D
Acq: 15 Jan 2020 20:21

Instrument :
BNA_E
ClientSampleId :
KY038PS027-200113

Tgt Ion: 152 Resp: 3546
Ion Ratio Lower Upper
152 100
150 153.0 120.3 180.5
115 71.6 51.7 77.5



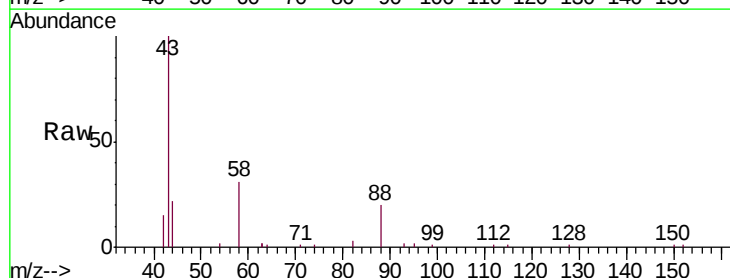
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



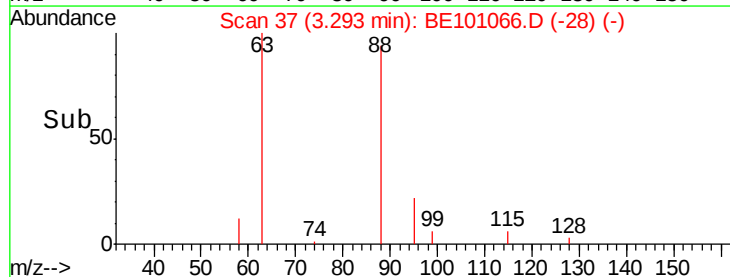
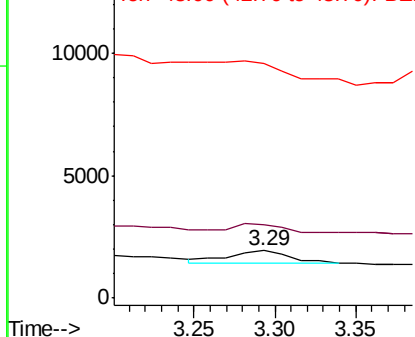
#2

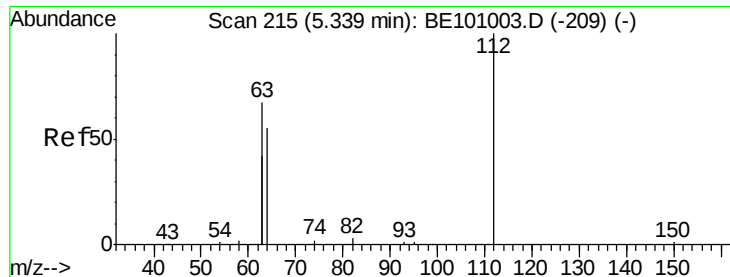
1,4-Dioxane
Concen: 0.028 ng
RT: 3.29 min Scan# 37
Delta R.T. 0.00 min
Lab File: BE101066.D
Acq: 15 Jan 2020 20:21

Tgt Ion: 88 Resp: 1226
Ion Ratio Lower Upper
88 100
58 54.6 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: 0.189 ng

RT: 5.33 min Scan# 214

Delta R.T. -0.01 min

Lab File: BE101066.D

Acq: 15 Jan 2020 20:21

Instrument :

BNA_E

ClientSampleId :

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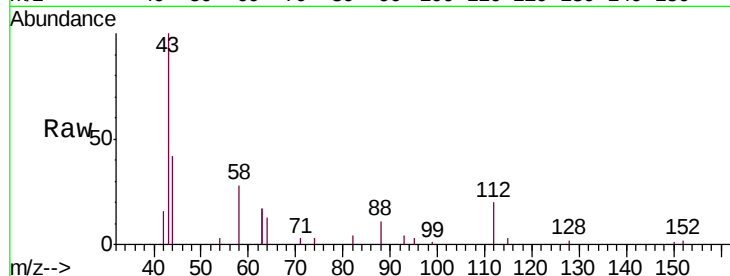
Tgt Ion: 112 Resp: 1511

Ion Ratio Lower Upper

112 100

64 65.5 53.6 80.4

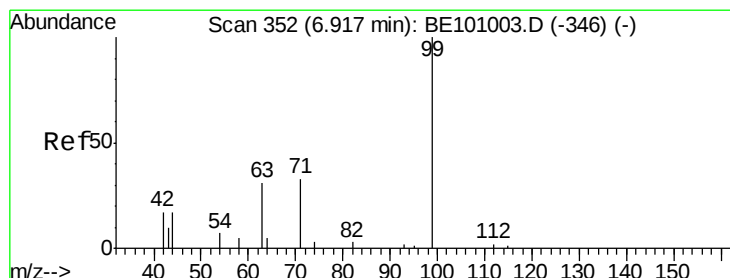
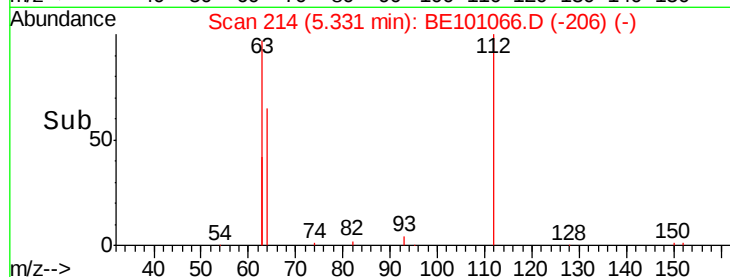
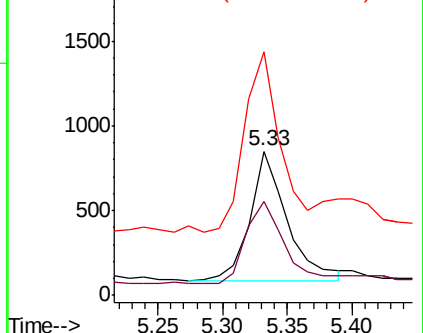
63 137.1 114.6 172.0



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: 0.112 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101066.D

Acq: 15 Jan 2020 20:21

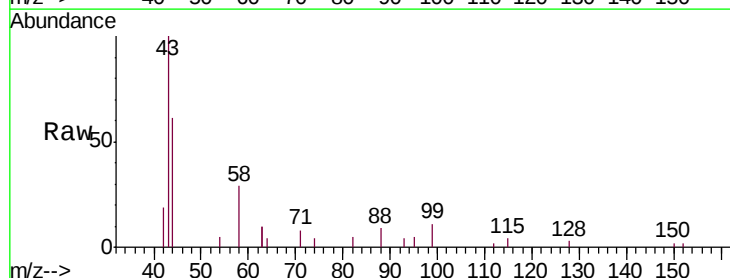
Tgt Ion: 99 Resp: 1133

Ion Ratio Lower Upper

99 100

42 29.0 18.3 27.5#

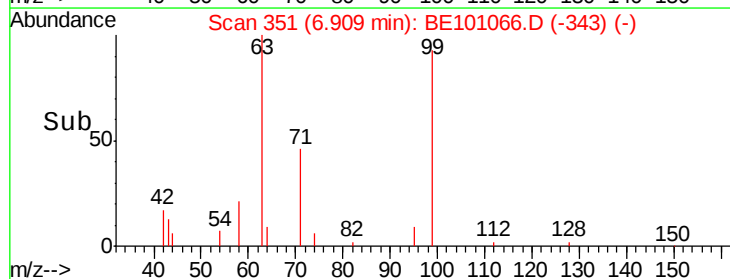
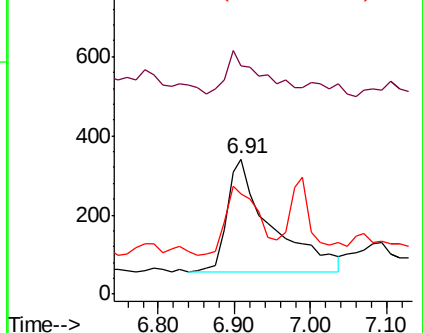
71 45.7 28.0 42.0#

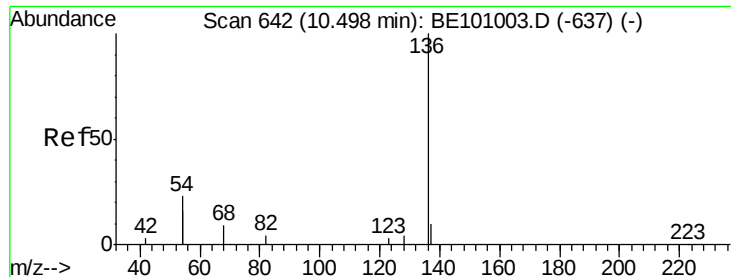


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE101066.D

Acq: 15 Jan 2020 20:21

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:136 Resp: 15211

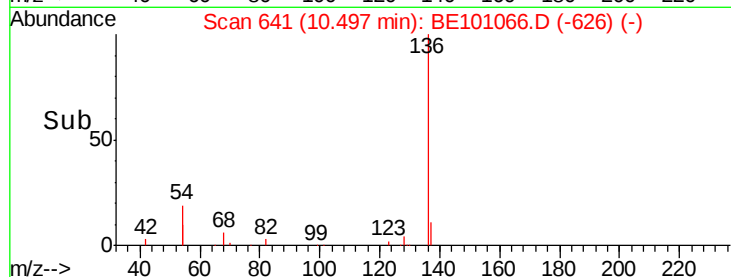
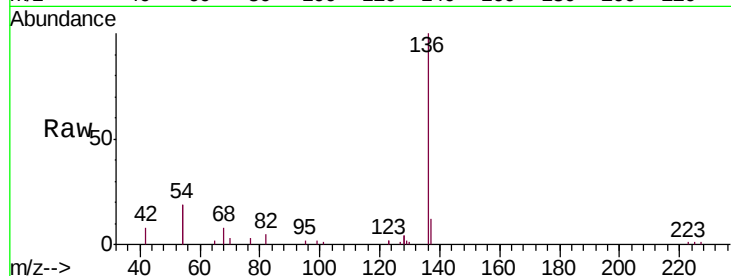
Ion Ratio Lower Upper

136 100

137 11.7 9.3 13.9

54 37.1 36.8 55.2

68 8.0 8.4 12.6#

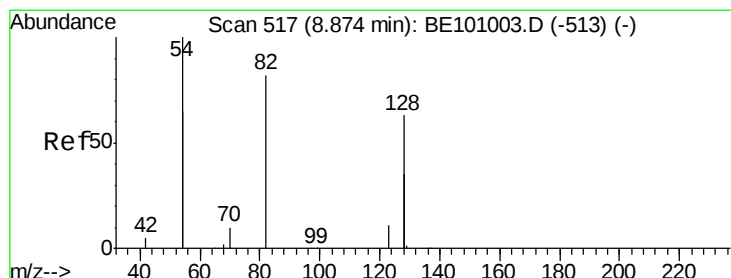
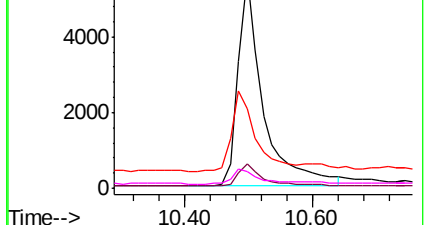


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.446 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101066.D

Acq: 15 Jan 2020 20:21

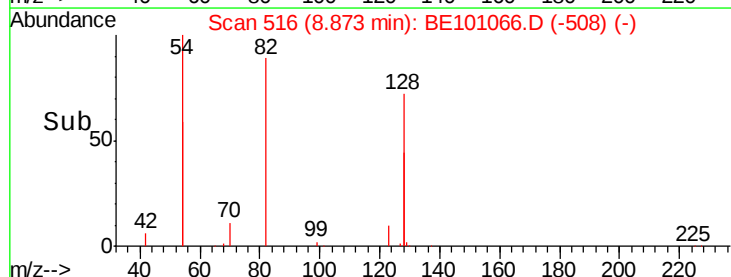
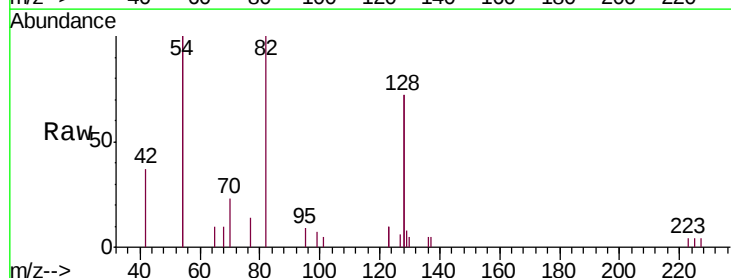
Tgt Ion: 82 Resp: 4847

Ion Ratio Lower Upper

82 100

128 143.8 109.8 164.6

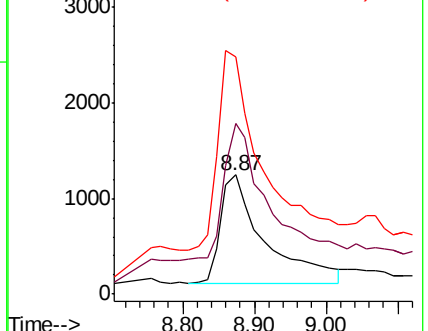
54 200.0 174.5 261.7

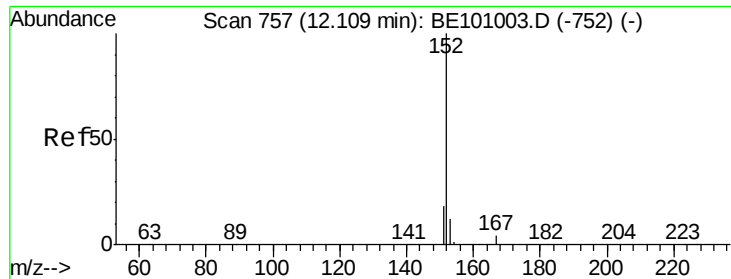


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1

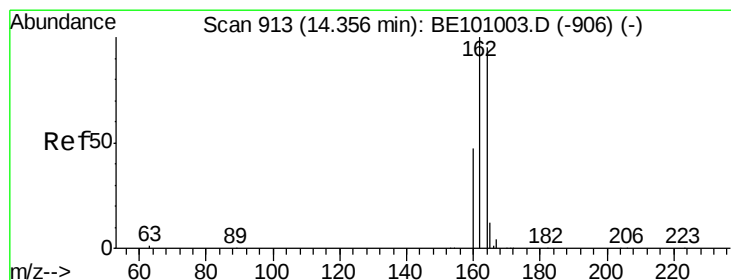
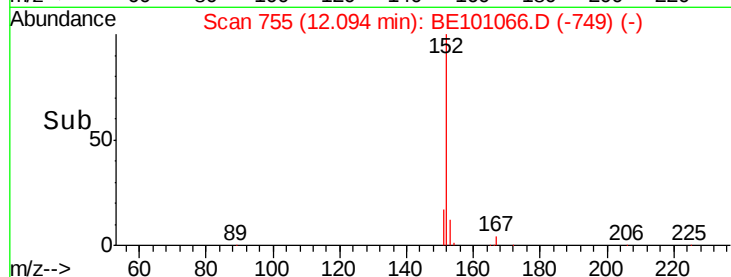
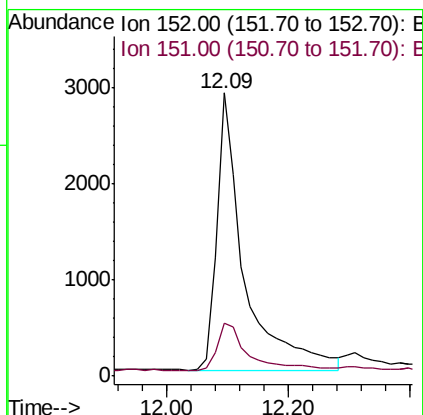
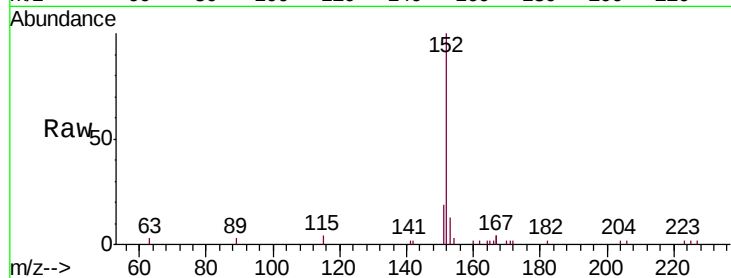




#11
 2-Methylnaphthalene-d10
 Concen: 0.312 ng
 RT: 12.09 min Scan# 755
 Delta R.T. -0.02 min
 Lab File: BE101066.D
 Acq: 15 Jan 2020 20:21

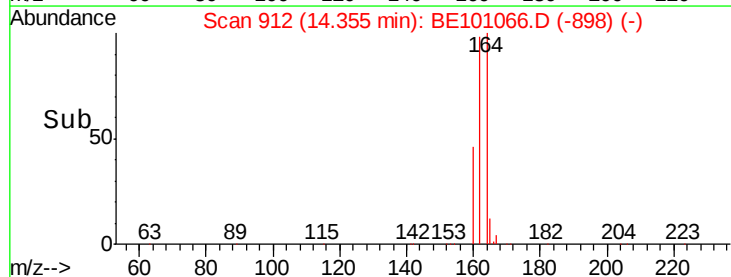
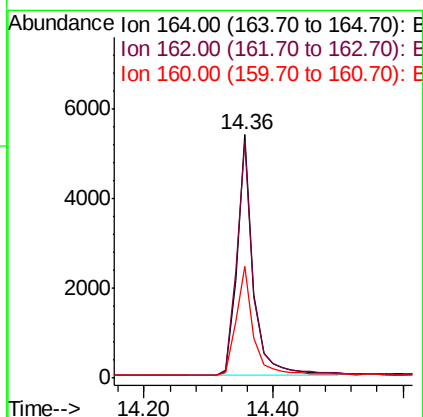
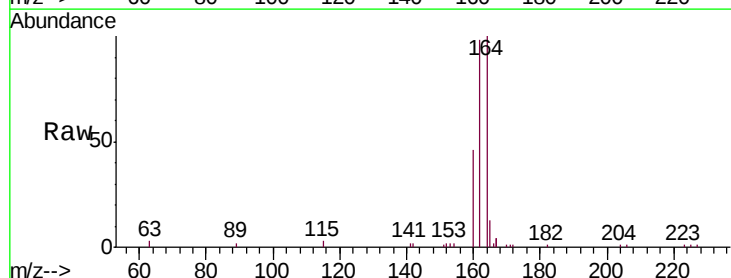
Instrument :
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 KY038PS027-200113

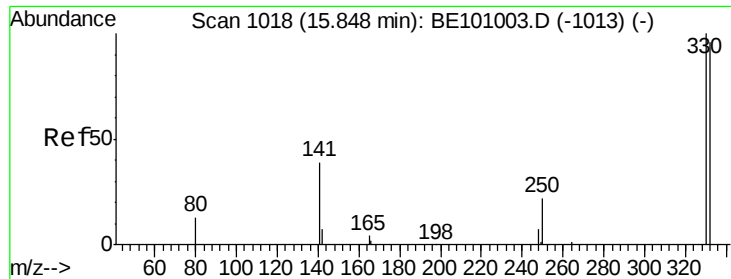
Tgt Ion:152 Resp: 9043
 Ion Ratio Lower Upper
 152 100
 151 18.9 15.0 22.6



#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101066.D
 Acq: 15 Jan 2020 20:21

Tgt Ion:164 Resp: 9168
 Ion Ratio Lower Upper
 164 100
 162 97.6 84.1 126.1
 160 46.1 40.4 60.6





#14

2,4,6-Tribromophenol

Concen: 0.411 ng

RT: 15.84 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BE101066.D

Acq: 15 Jan 2020 20:21

Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

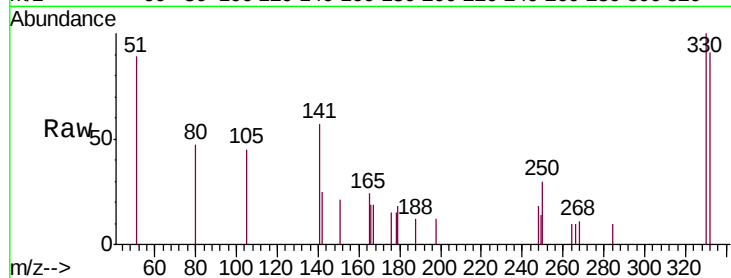
Tgt Ion:330 Resp: 1063

Ion Ratio Lower Upper

330 100

332 96.2 78.4 117.6

141 59.5 37.0 55.4#



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

15.84

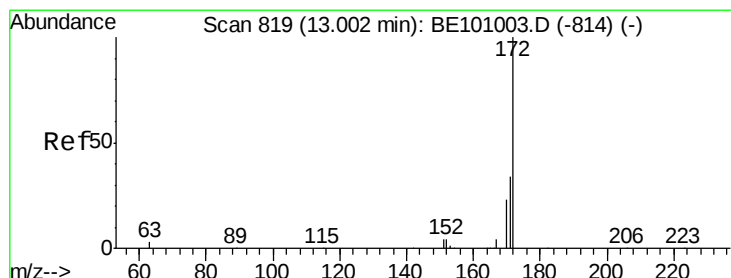
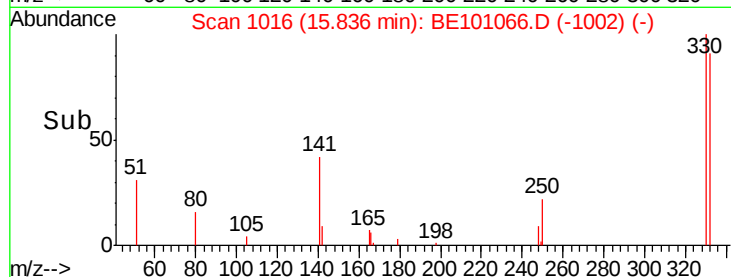
400

200

0

15.70 15.80 15.90 16.00

Time-->



#15

2-Fluorobiphenyl

Concen: 0.387 ng

RT: 12.99 min Scan# 817

Delta R.T. -0.02 min

Lab File: BE101066.D

Acq: 15 Jan 2020 20:21

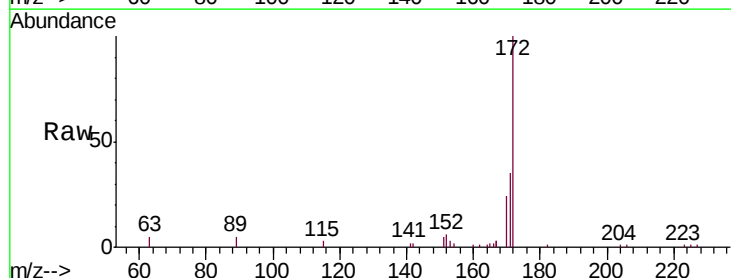
Tgt Ion:172 Resp: 13488

Ion Ratio Lower Upper

172 100

171 34.6 28.2 42.2

170 23.6 18.9 28.3



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

12.99

6000

5000

4000

3000

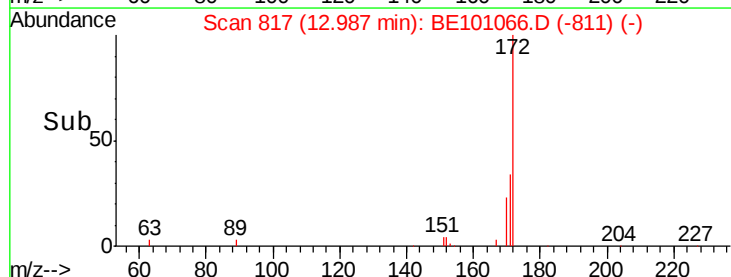
2000

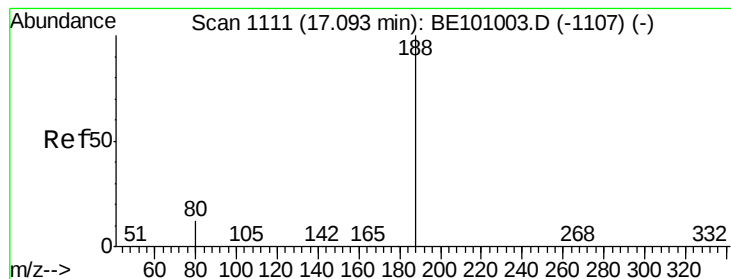
1000

0

12.80 13.00 13.20

Time-->





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.08 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BE101066.D

Acq: 15 Jan 2020 20:21

Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

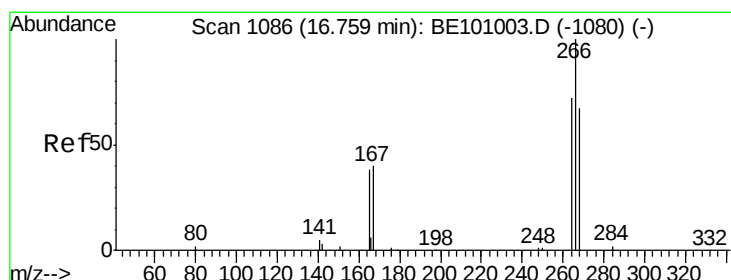
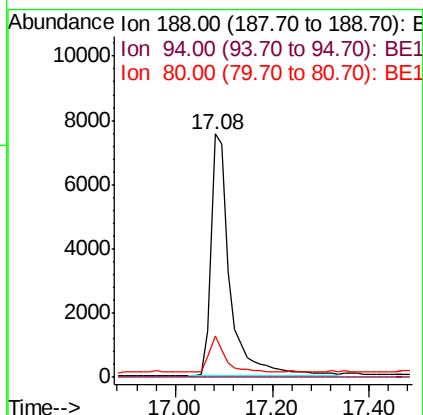
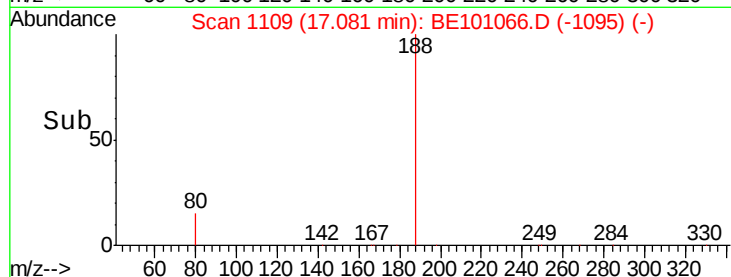
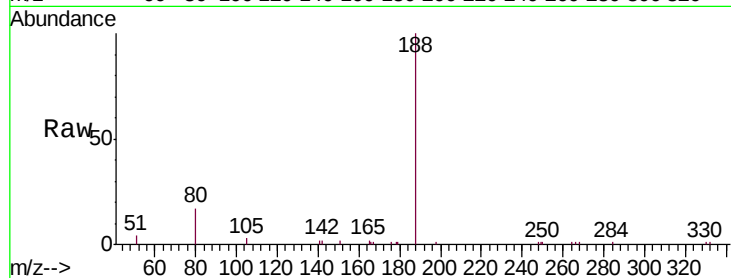
Tgt Ion:188 Resp: 19794

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 17.1 10.8 16.2#



#22

Pentachlorophenol

Concen: 0.255 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101066.D

Acq: 15 Jan 2020 20:21

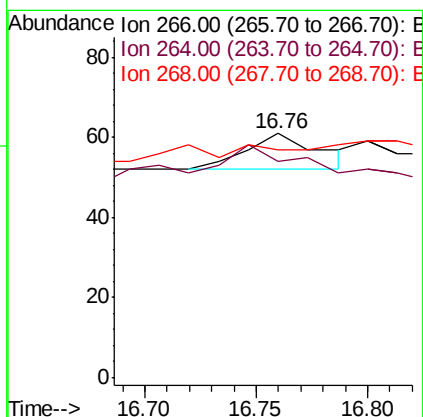
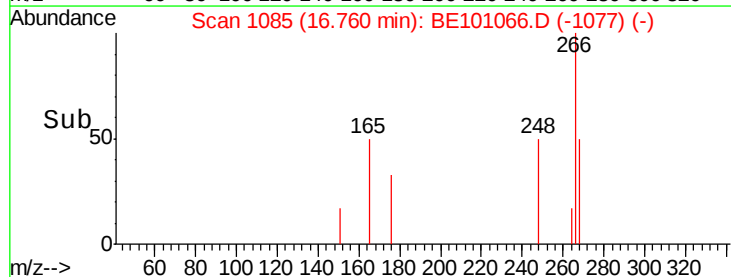
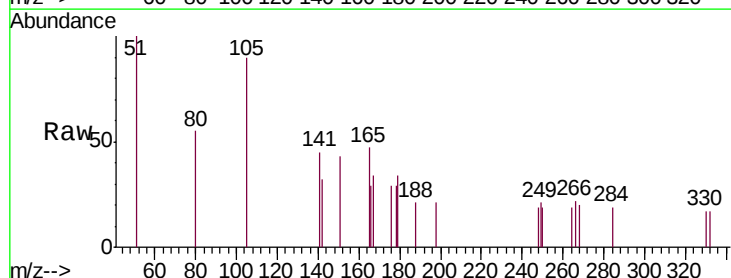
Tgt Ion:266 Resp: 21

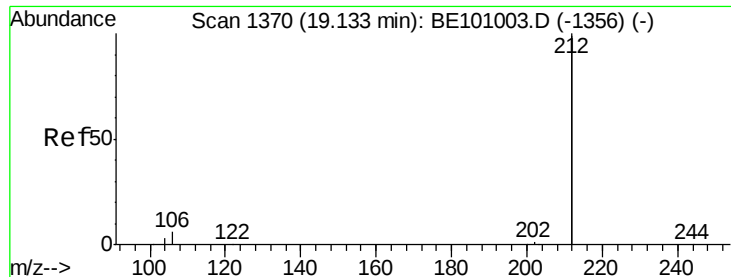
Ion Ratio Lower Upper

266 100

264 88.5 61.0 91.4

268 93.4 58.5 87.7#





#25

Fluoranthene-d10

Concen: 0.360 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

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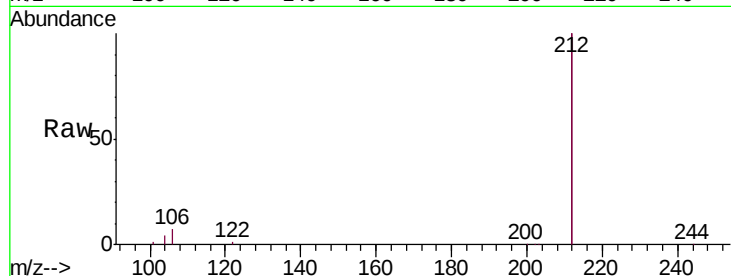
Tgt Ion:212 Resp: 99001

Ion Ratio Lower Upper

212 100

106 3.5 2.6 3.8

104 1.9 1.4 2.0

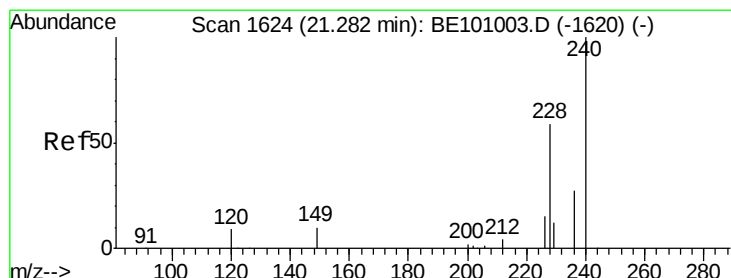
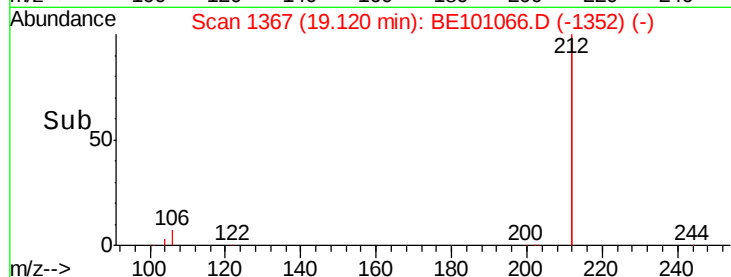
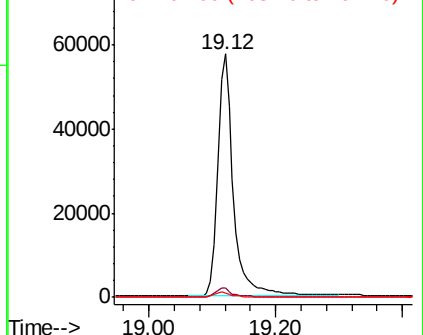


Abundance

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: BE101066.D

Acq: 15 Jan 2020 20:21

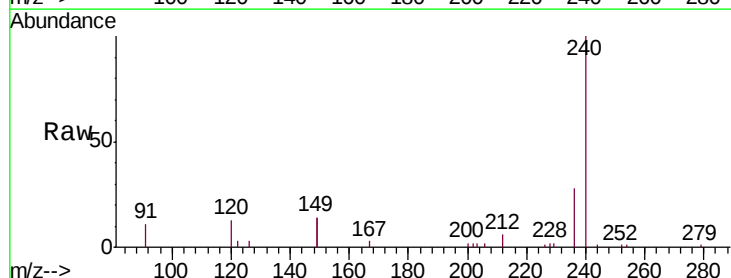
Tgt Ion:240 Resp: 19149

Ion Ratio Lower Upper

240 100

120 13.0 8.6 13.0

236 27.6 22.2 33.4

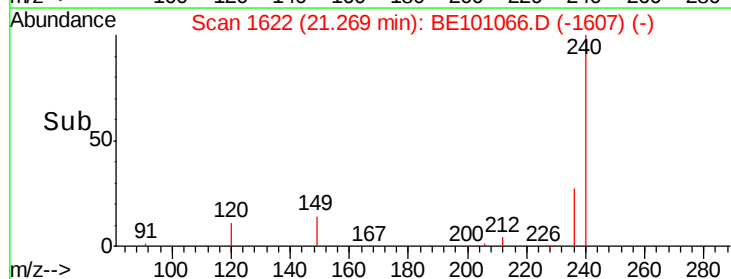
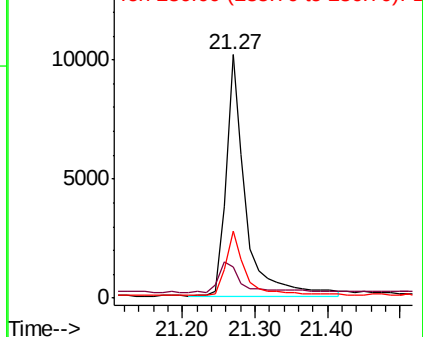


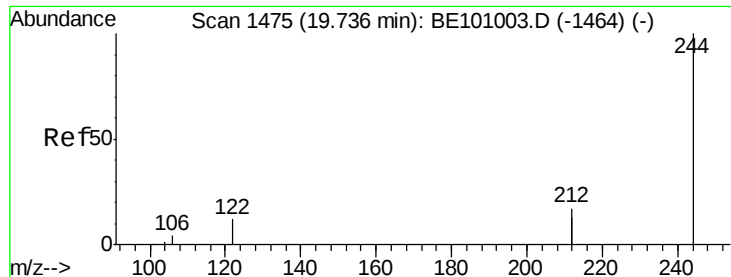
Abundance

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: 0.412 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

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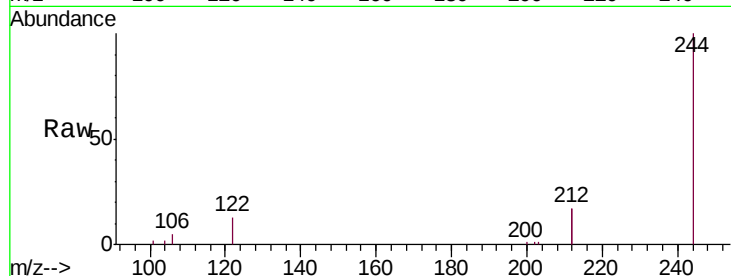
Tgt Ion:244 Resp: 19371

Ion Ratio Lower Upper

244 100

212 33.3 27.2 40.8

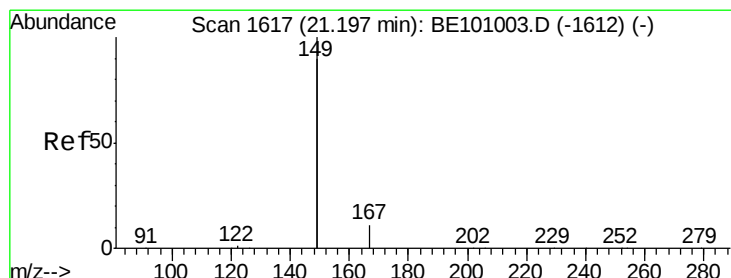
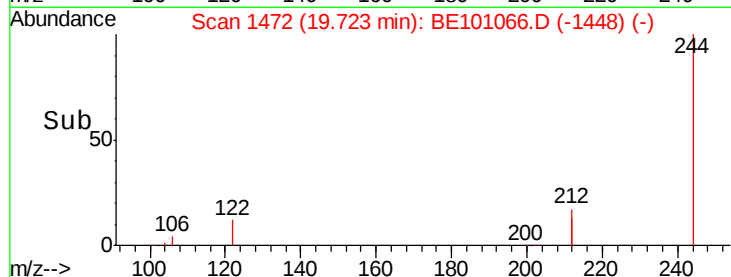
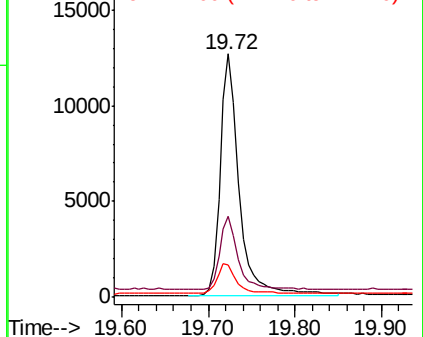
122 13.1 9.8 14.8



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: 0.303 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101066.D

Acq: 15 Jan 2020 20:21

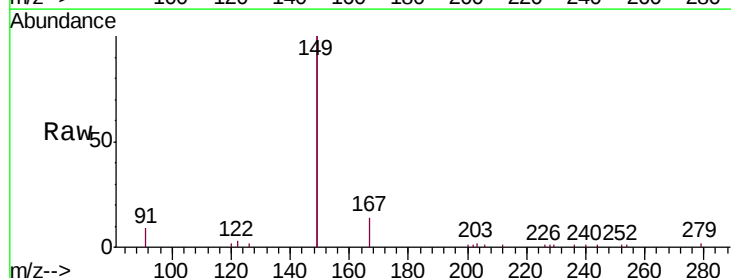
Tgt Ion:149 Resp: 27580

Ion Ratio Lower Upper

149 100

167 6.8 5.2 7.8

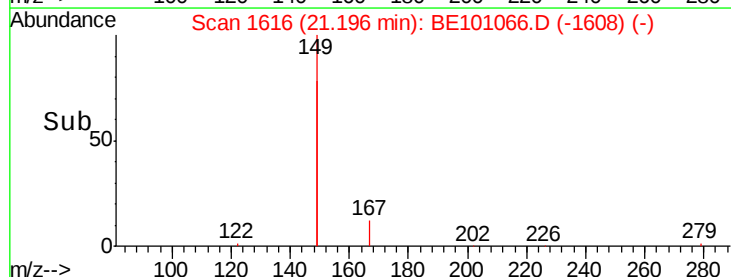
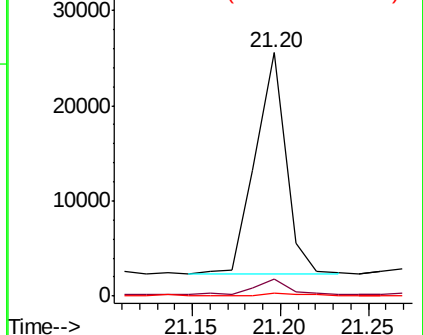
279 0.9 0.8 1.2

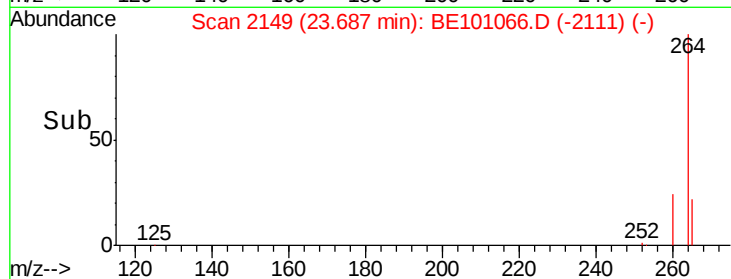
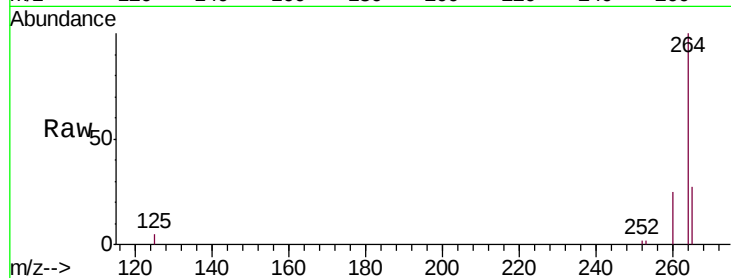
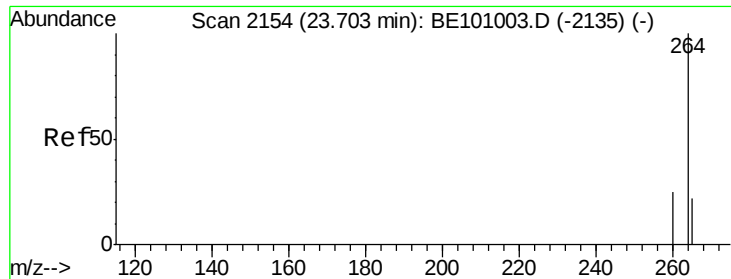


Abundance Ion 149.00 (148.70 to 149.70): E

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: BE101066.D

Acq: 15 Jan 2020 20:21

Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

Tgt Ion:264 Resp: 24848

Ion Ratio Lower Upper

264 100

260 24.6 20.3 30.5

265 27.1 27.0 40.4

