

Data File : BE101073.D
Acq On : 16 Jan 2020 12:45
Operator : JU
Sample : L1116-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS027-200113

Quant Time: Jan 17 07:44:35 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	3144	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	13448	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	8621	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	19553	0.40	ng	0.00
27) Chrysene-d12	21.27	240	20132	0.40	ng	-0.01
34) Perylene-d12	23.69	264	23921	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.33	112	1326	0.19	ng	-0.01
5) Phenol-d6	6.91	99	928	0.10	ng	-0.01
8) Nitrobenzene-d5	8.87	82	3846	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	8129	0.32	ng	-0.01
14) 2,4,6-Tribromophenol	15.84	330	974	0.40	ng	-0.01
15) 2-Fluorobiphenyl	12.99	172	12424	0.38	ng	-0.01
25) Fluoranthene-d10	19.12	212	100468	0.37	ng	-0.01
29) Terphenyl-d14	19.72	244	19943	0.40	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.75	266	42	0.261	ng	# 73
32) Bis(2-ethylhexyl)phthalate	21.20	149	27484	0.287	ng	100

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

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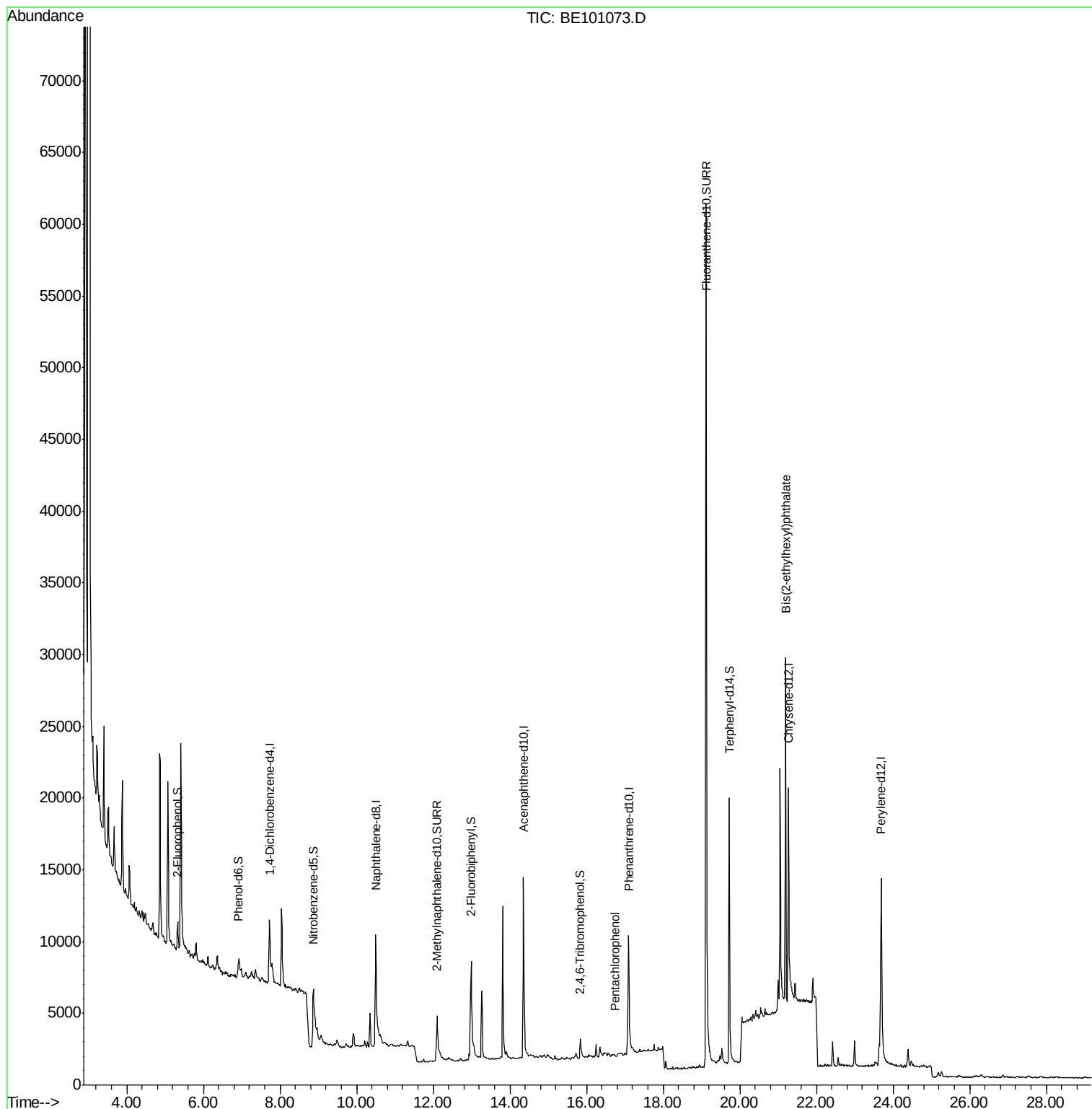
Quant Time: Jan 17 07:44:35 2020

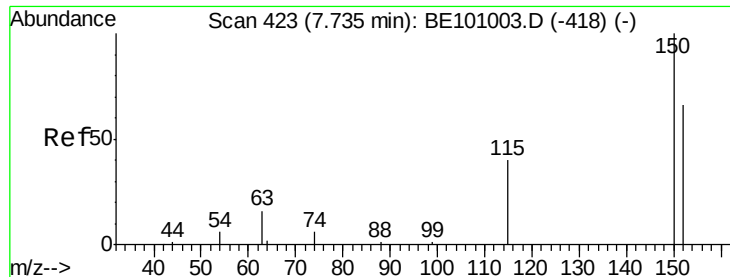
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE010820.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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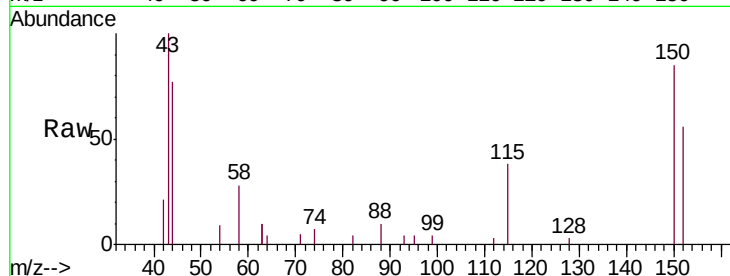


#1

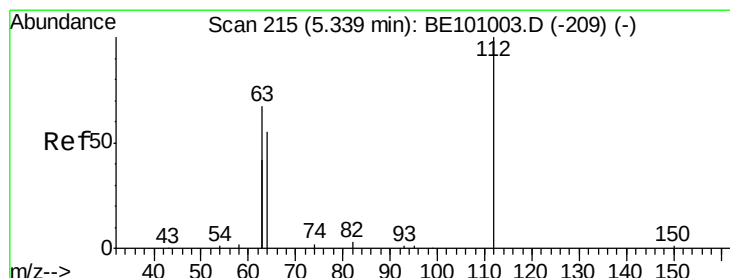
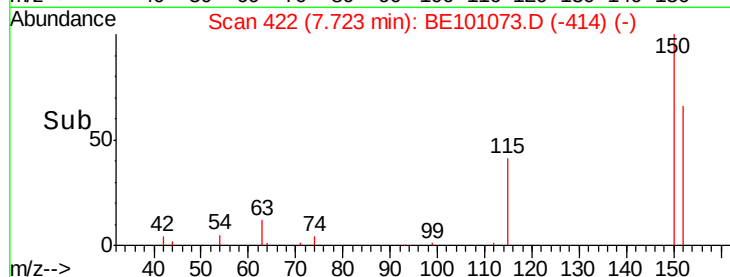
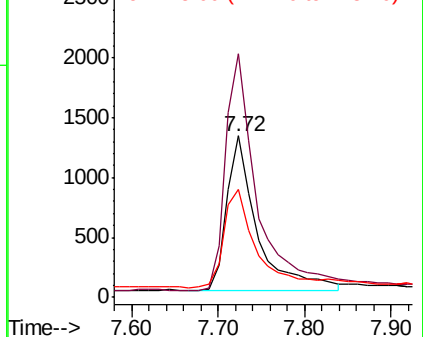
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101073.D
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Tgt Ion:152 Resp: 3144
Ion Ratio Lower Upper
152 100
150 150.6 120.3 180.5
115 67.0 51.7 77.5



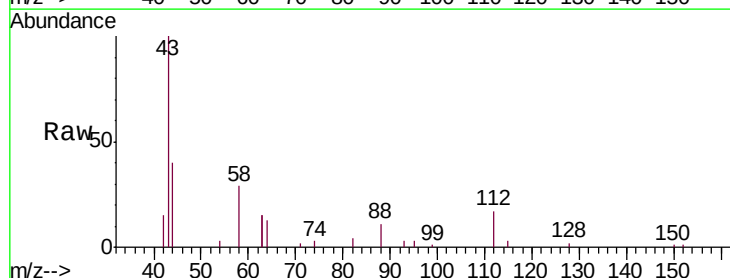
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



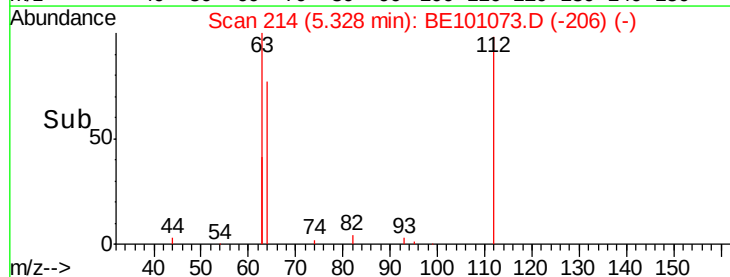
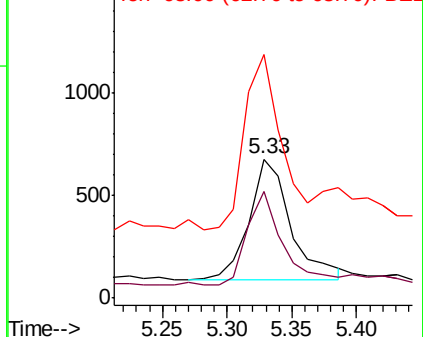
#4

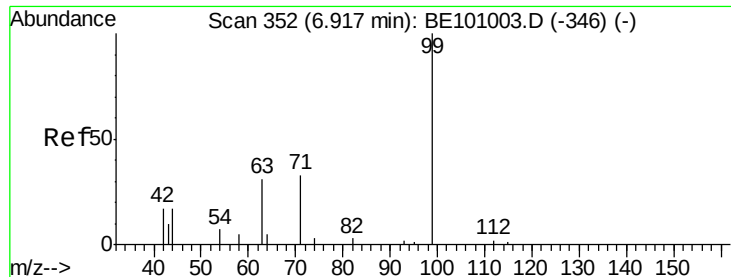
2-Fluorophenol
Concen: 0.187 ng
RT: 5.33 min Scan# 214
Delta R.T. -0.01 min
Lab File: BE101073.D
Acq: 16 Jan 2020 12:45

Tgt Ion:112 Resp: 1326
Ion Ratio Lower Upper
112 100
64 66.0 53.6 80.4
63 130.2 114.6 172.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE1
Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.104 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101073.D

Acq: 16 Jan 2020 12:45

Instrument :

BNA_E

ClientSampleId :

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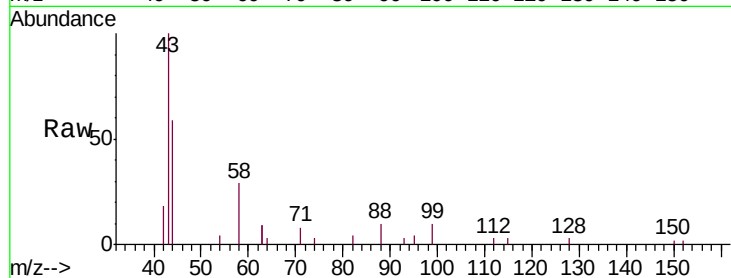
Tgt Ion: 99 Resp: 928

Ion Ratio Lower Upper

99 100

42 49.7 18.3 27.5#

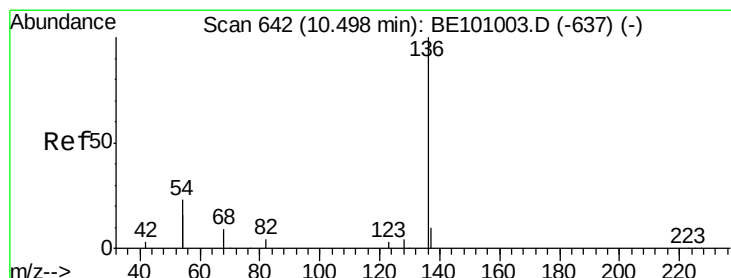
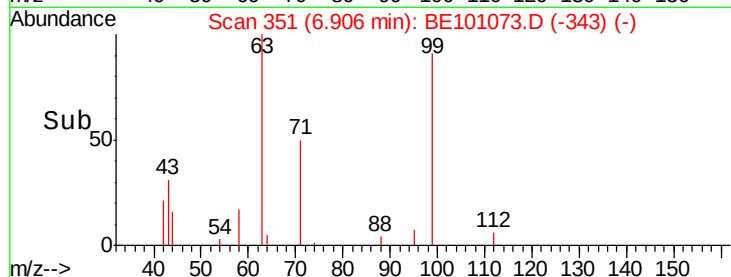
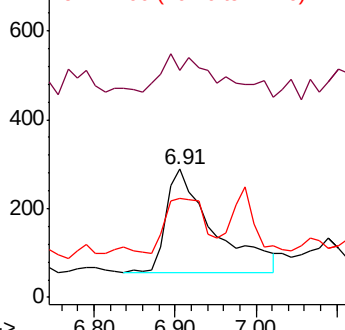
71 42.7 28.0 42.0#



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: BE101073.D

Acq: 16 Jan 2020 12:45

Tgt Ion: 136 Resp: 13448

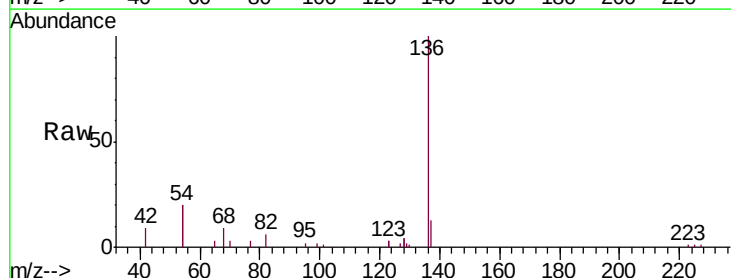
Ion Ratio Lower Upper

136 100

137 12.5 9.3 13.9

54 39.8 36.8 55.2

68 9.0 8.4 12.6

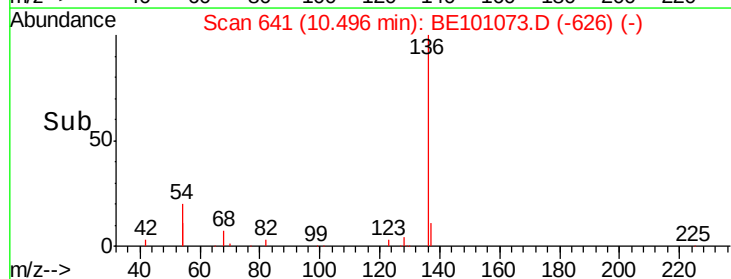
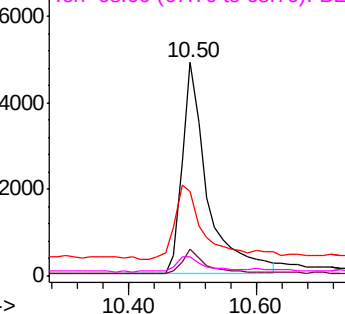


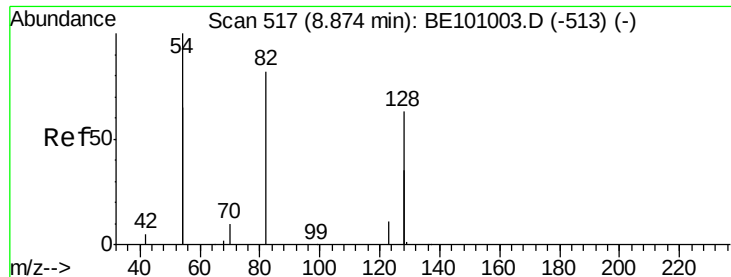
Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.400 ng

RT: 8.87 min Scan# 516

Delta R.T. -0.00 min

Lab File: BE101073.D

Acq: 16 Jan 2020 12:45

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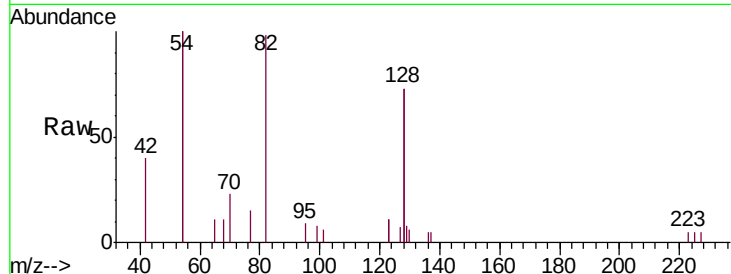
Tgt Ion: 82 Resp: 3846

Ion Ratio Lower Upper

82 100

128 149.2 109.8 164.6

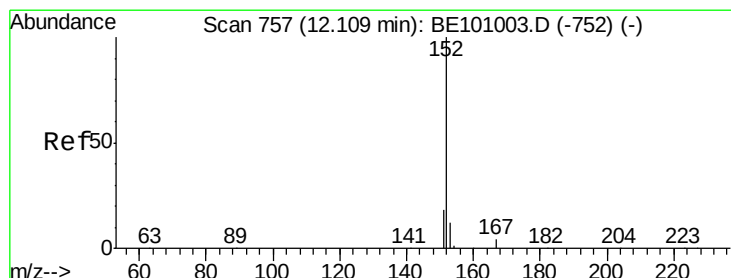
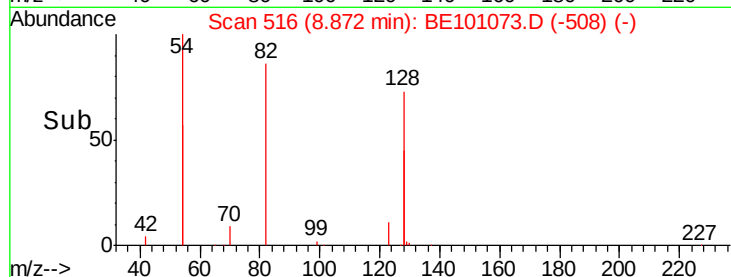
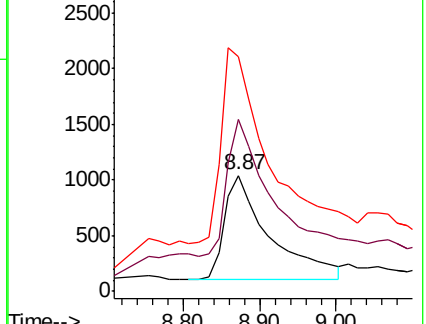
54 203.3 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1



#11

2-Methylnaphthalene-d10

Concen: 0.317 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101073.D

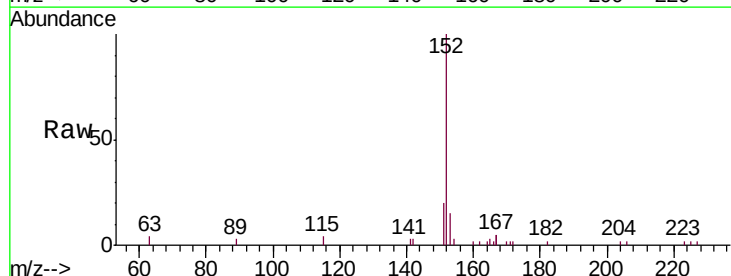
Acq: 16 Jan 2020 12:45

Tgt Ion: 152 Resp: 8129

Ion Ratio Lower Upper

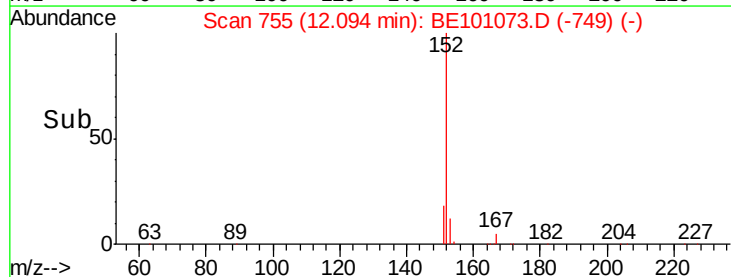
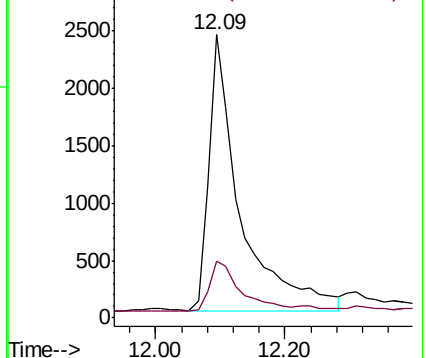
152 100

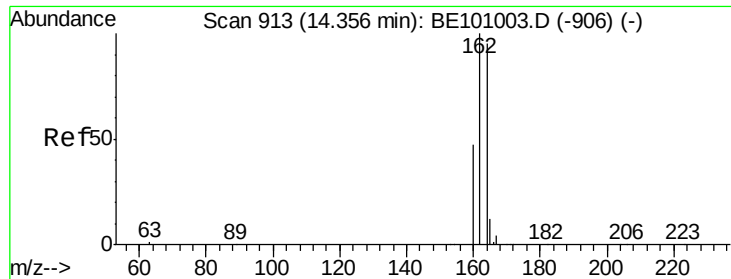
151 19.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

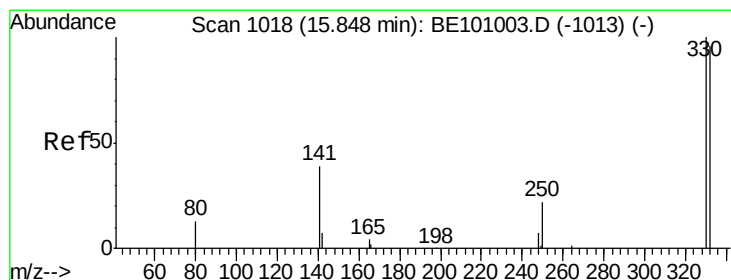
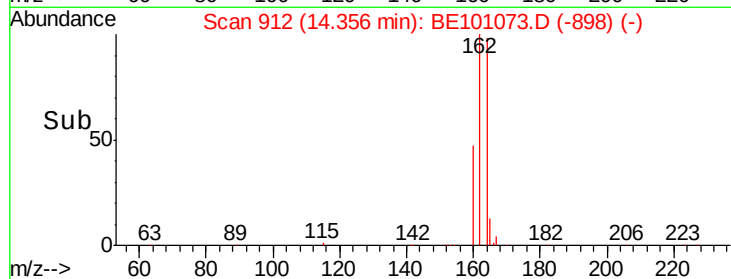
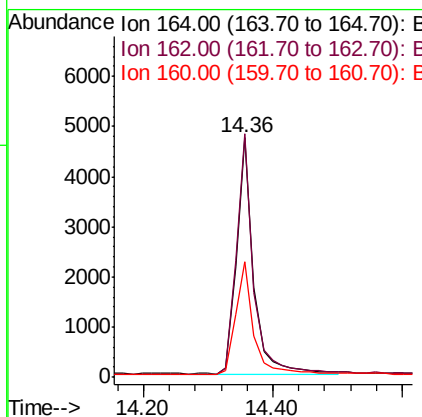
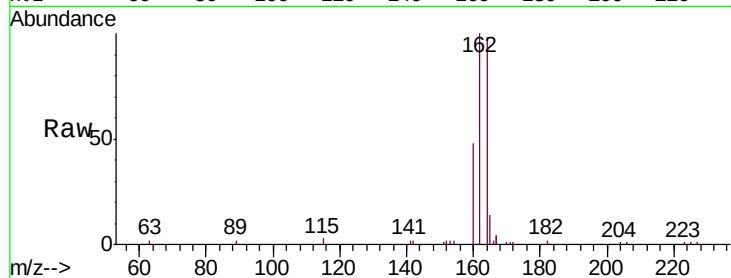




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.36 min Scan# 912
Delta R.T. 0.00 min
Lab File: BE101073.D
Acq: 16 Jan 2020 12:45

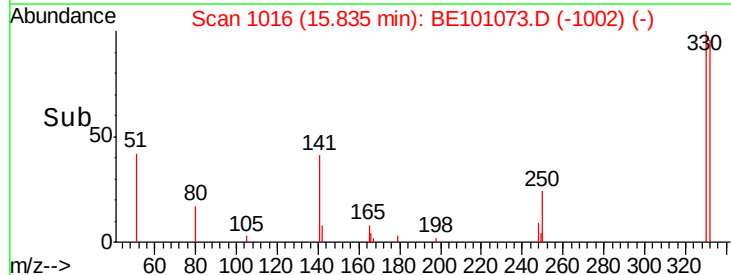
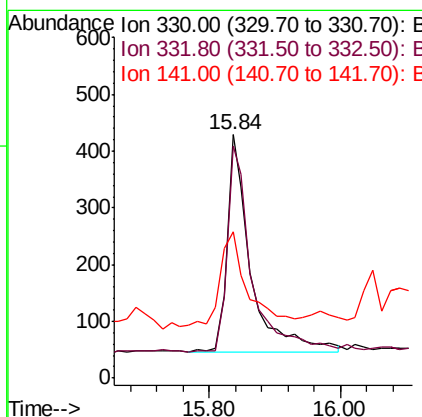
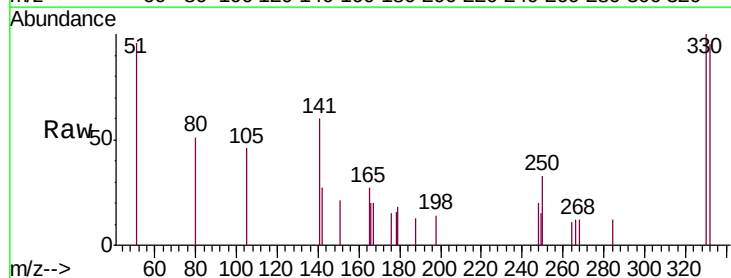
Instrument :
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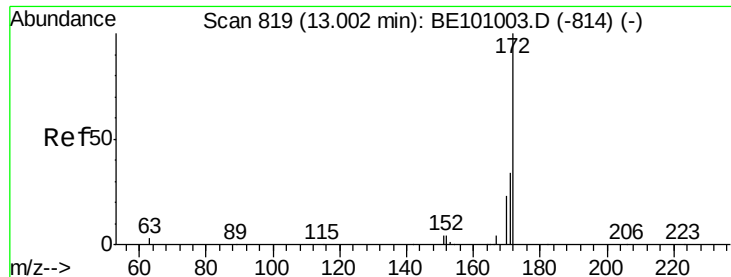
Tgt Ion:164 Resp: 8621
Ion Ratio Lower Upper
164 100
162 101.8 84.1 126.1
160 48.5 40.4 60.6



#14
2,4,6-Tribromophenol
Concen: 0.400 ng
RT: 15.84 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BE101073.D
Acq: 16 Jan 2020 12:45

Tgt Ion:330 Resp: 974
Ion Ratio Lower Upper
330 100
332 99.2 78.4 117.6
141 50.5 37.0 55.4

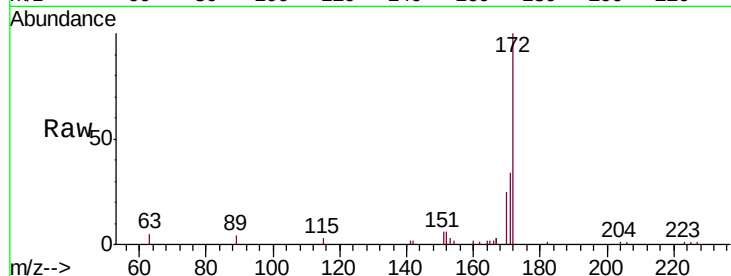




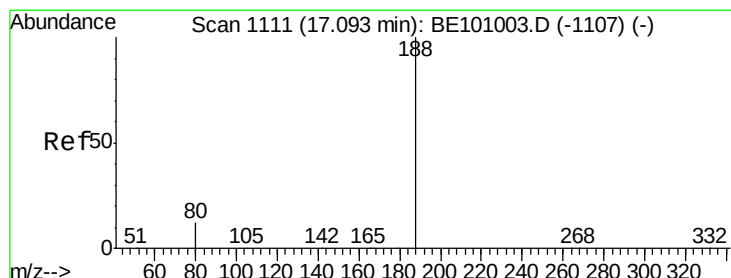
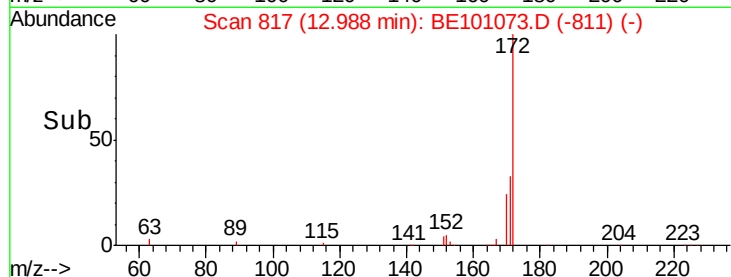
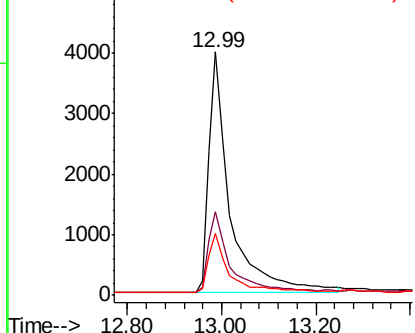
#15
 2-Fluorobiphenyl
 Concen: 0.379 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BE101073.D
 Acq: 16 Jan 2020 12:45

Instrument :
 BNA_E
 ClientSampleId :
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Tgt Ion:172 Resp: 12424
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.2 42.2
 170 25.2 18.9 28.3

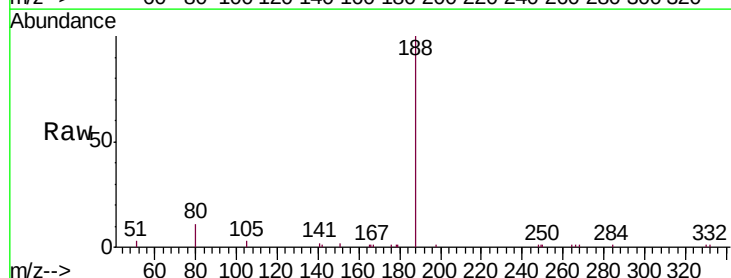


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

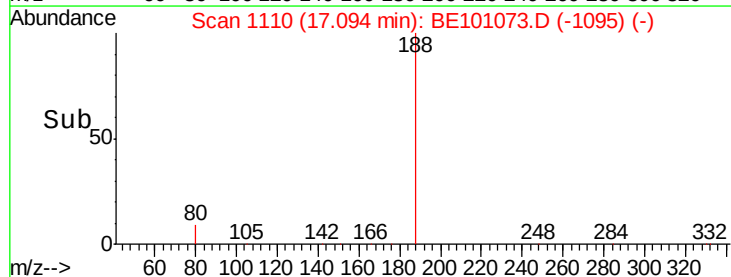
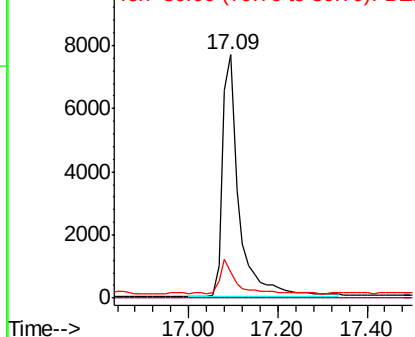


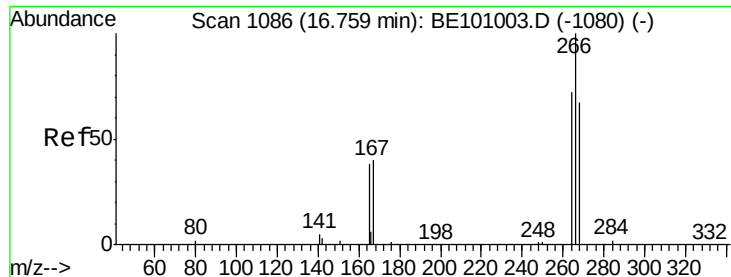
#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.09 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: BE101073.D
 Acq: 16 Jan 2020 12:45

Tgt Ion:188 Resp: 19553
 Ion Ratio Lower Upper
 188 100
 94 0.0 0.0 0.0
 80 10.6 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: 0.261 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101073.D

Acq: 16 Jan 2020 12:45

Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

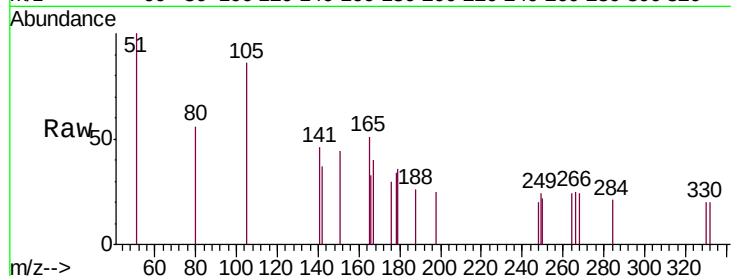
Tgt Ion: 266 Resp: 42

Ion Ratio Lower Upper

266 100

264 98.4 61.0 91.4#

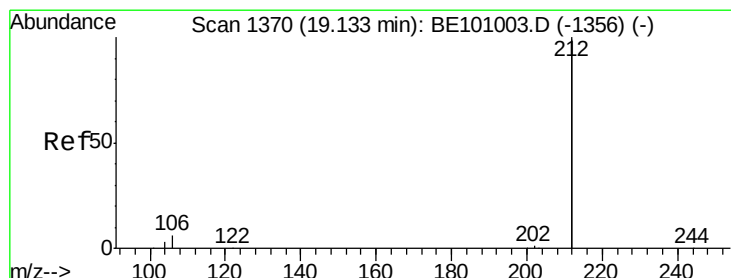
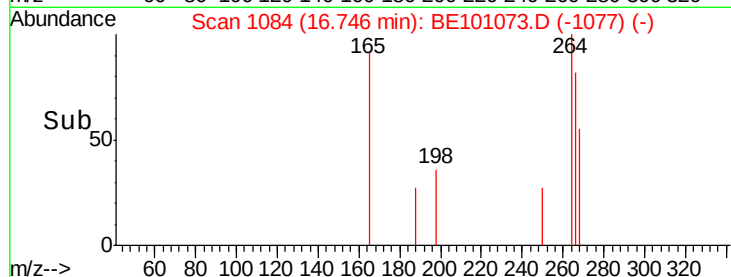
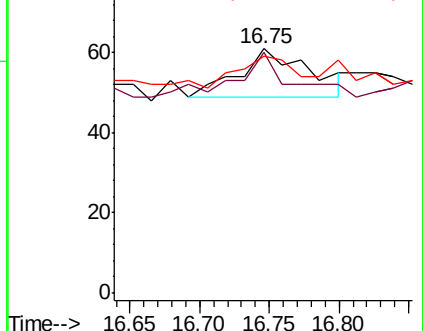
268 96.7 58.5 87.7#



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: 0.370 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101073.D

Acq: 16 Jan 2020 12:45

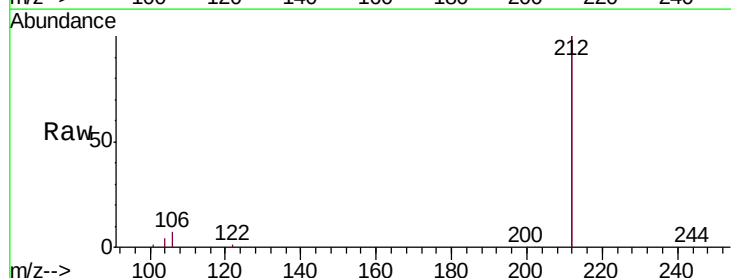
Tgt Ion: 212 Resp: 100468

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

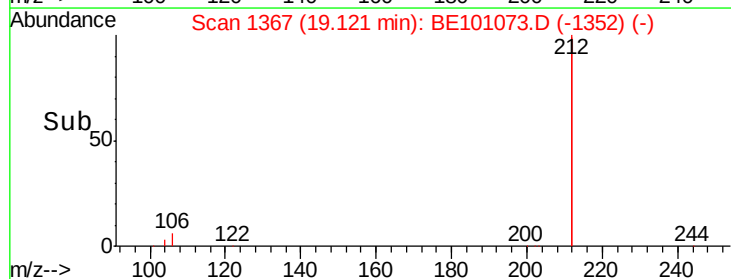
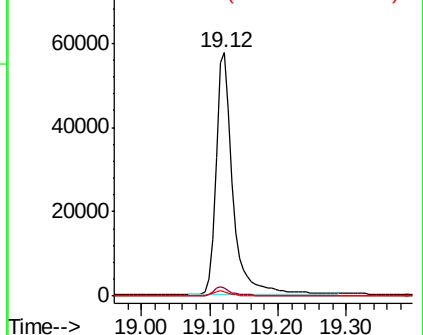
104 2.0 1.4 2.0

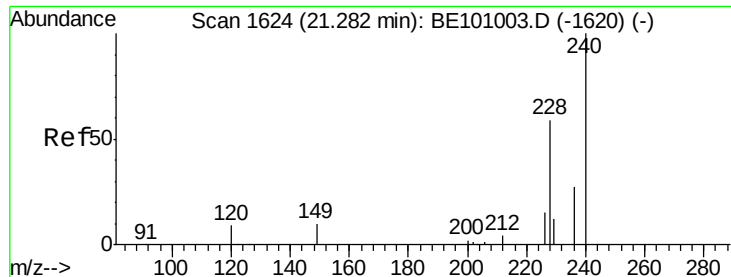


Abundance Ion 212.00 (211.70 to 212.70): E

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# 1622

Delta R.T. -0.01 min

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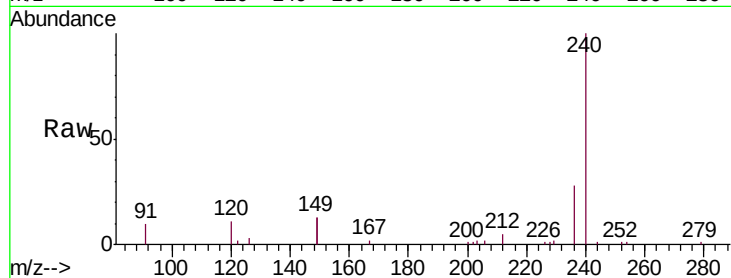
Tgt Ion:240 Resp: 20132

Ion Ratio Lower Upper

240 100

120 11.4 8.6 13.0

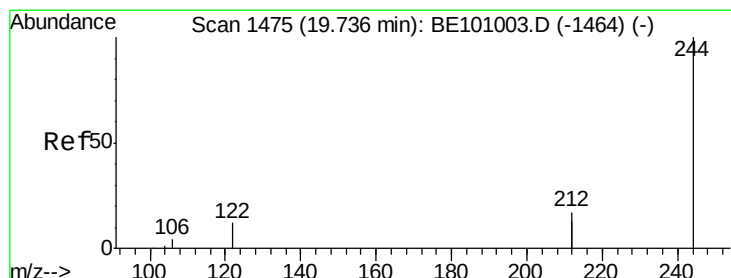
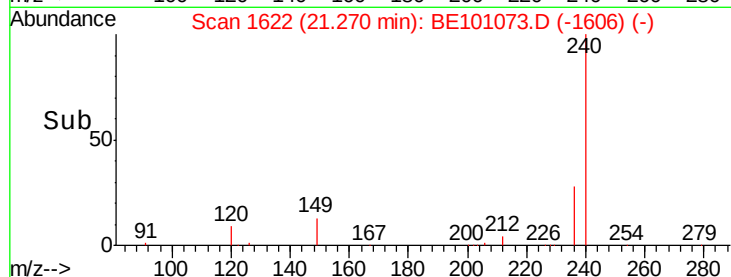
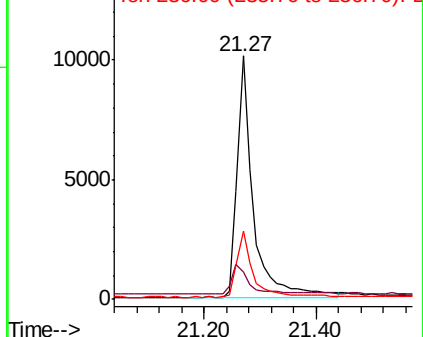
236 28.2 22.2 33.4



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: 0.403 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101073.D

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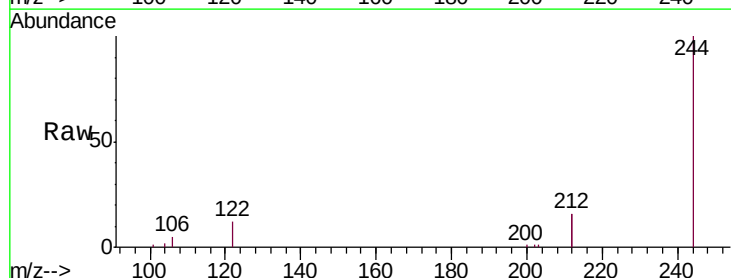
Tgt Ion:244 Resp: 19943

Ion Ratio Lower Upper

244 100

212 32.0 27.2 40.8

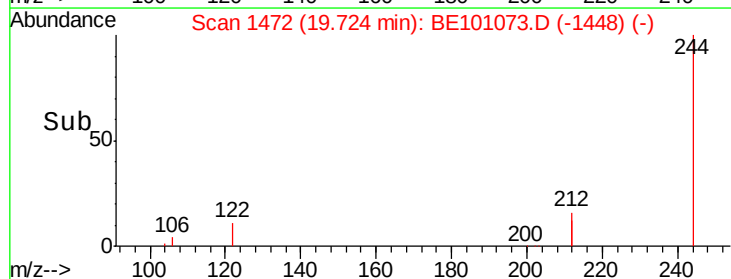
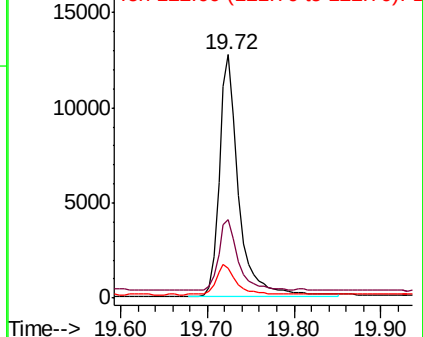
122 12.2 9.8 14.8

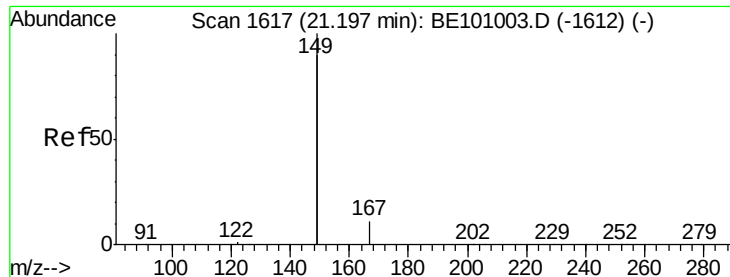


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.287 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101073.D

Acq: 16 Jan 2020 12:45

Instrument :

BNA_E

ClientSampleId :

KY038PS027-200113

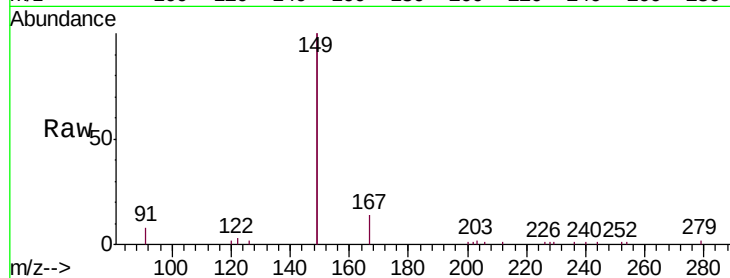
Tgt Ion:149 Resp: 27484

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

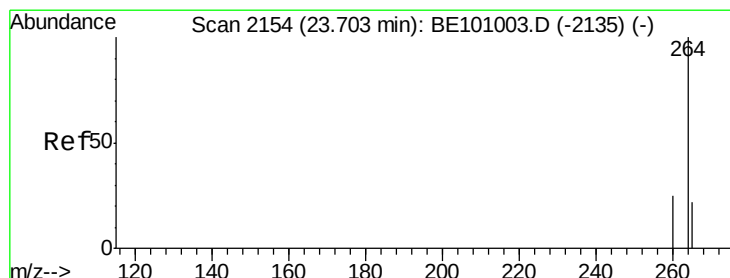
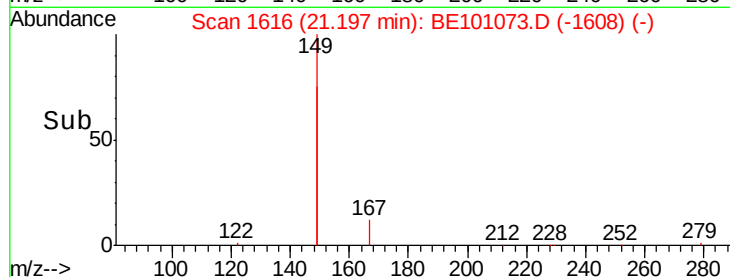
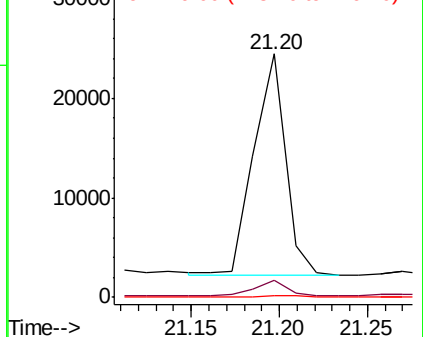
279 1.0 0.8 1.2



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# 2150

Delta R.T. -0.01 min

Lab File: BE101073.D

Acq: 16 Jan 2020 12:45

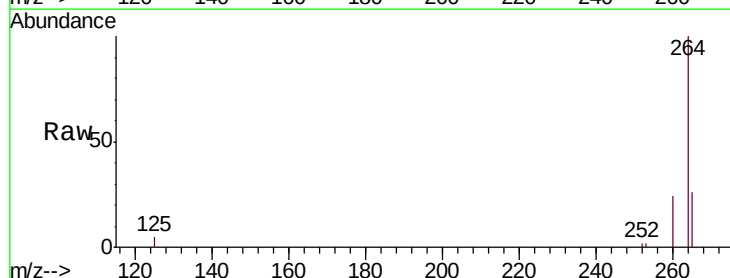
Tgt Ion:264 Resp: 23921

Ion Ratio Lower Upper

264 100

260 24.1 20.3 30.5

265 25.8 27.0 40.4#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

