

Data File : BE101100.D
Acq On : 20 Jan 2020 13:51
Operator : JU
Sample : L1116-03RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
KY038PS037-200113

Quant Time: Jan 21 02:07:10 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

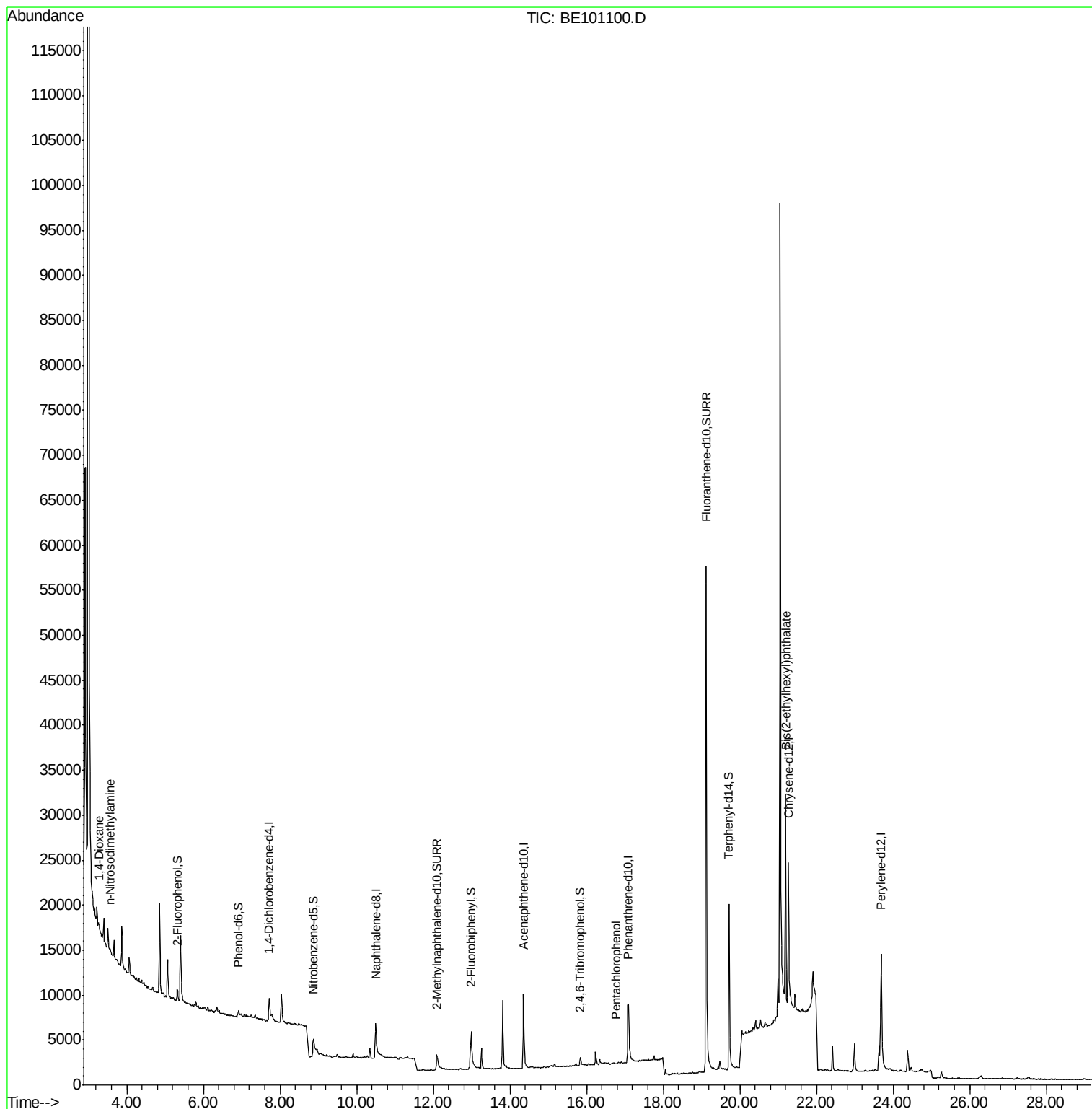
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1822	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	7323	0.40	ng	0.00
13) Acenaphthene-d10	14.35	164	5891	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	15788	0.40	ng	0.00
27) Chrysene-d12	21.27	240	19750	0.40	ng	-0.01
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	# 59
3) n-Nitrosodimethylamine	3.57	42	311	0.123	ng	# 1
22) Pentachlorophenol	16.76	266	14	0.255	ng	# 85
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

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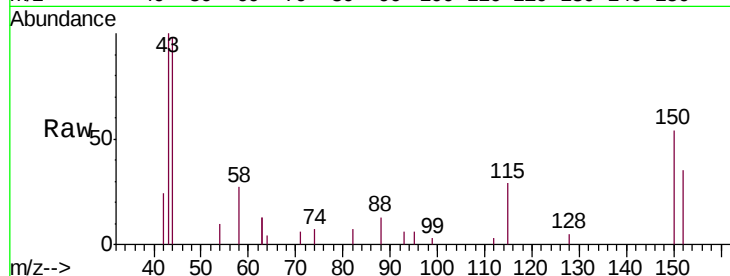
Tgt Ion:152 Resp: 1822

Ion Ratio Lower Upper

152 100

150 152.9 120.3 180.5

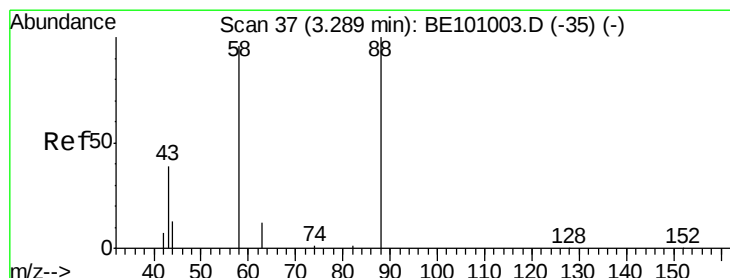
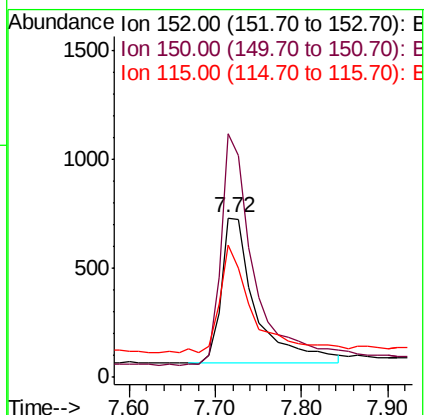
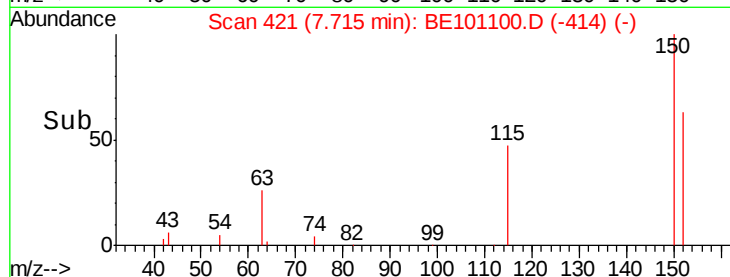
115 82.7 51.7 77.5#



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

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Acq: 20 Jan 2020 13:51

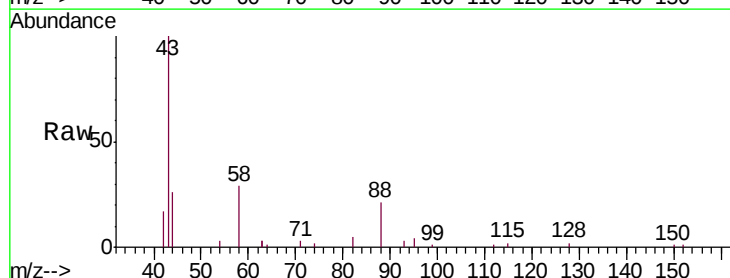
Tgt Ion: 88 Resp: 927

Ion Ratio Lower Upper

88 100

58 38.3 53.0 79.4#

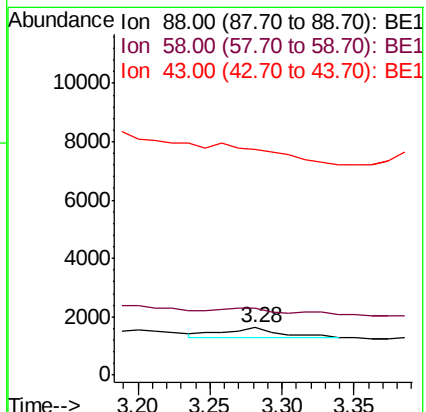
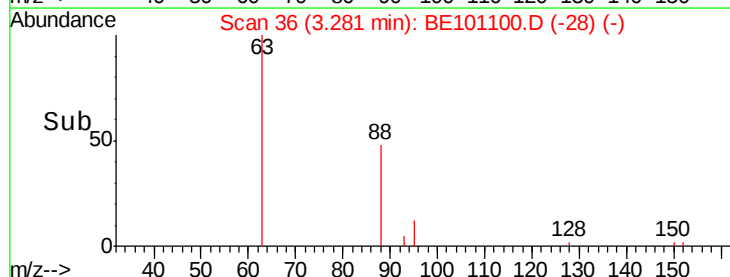
43 0.0 23.4 35.2#



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





#3

n-Nitrosodimethylamine

Concen: 0.123 ng

RT: 3.57 min Scan# 61

Delta R.T. -0.04 min

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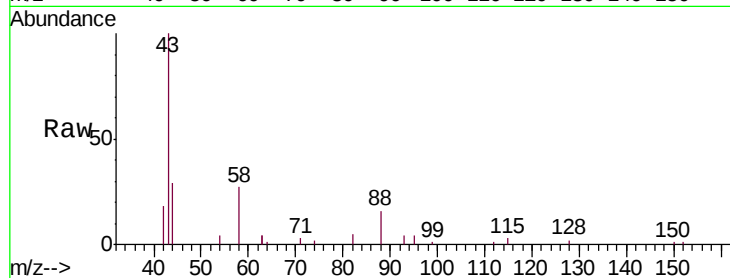
Tgt Ion: 42 Resp: 311

Ion Ratio Lower Upper

42 100

74 0.0 105.7 158.5#

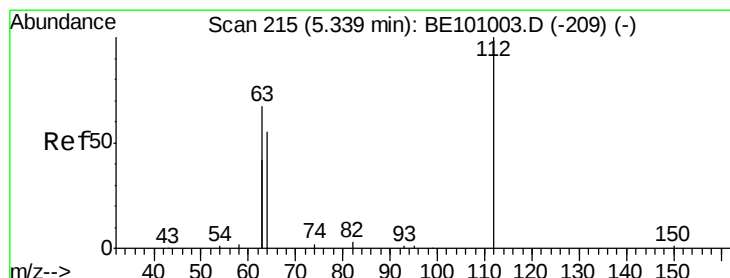
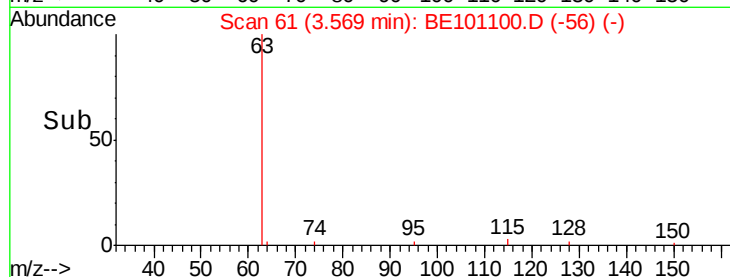
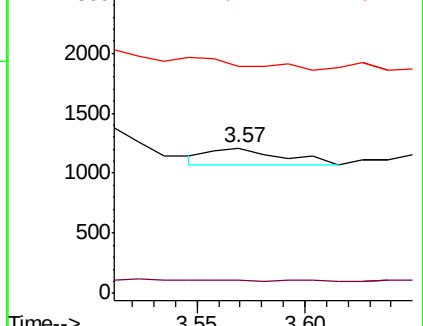
44 0.0 10.0 15.0#



Abundance Ion 42.00 (41.70 to 42.70): BE1

Ion 74.00 (73.70 to 74.70): BE1

Ion 44.00 (43.70 to 44.70): 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

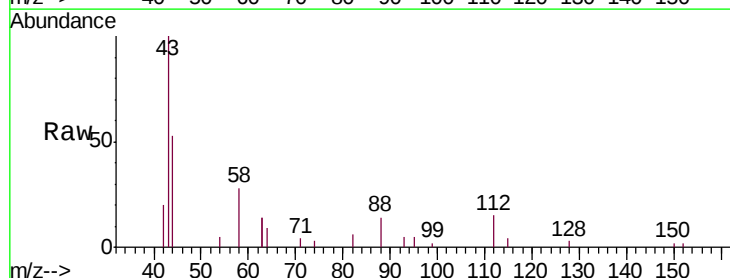
Tgt Ion: 112 Resp: 844

Ion Ratio Lower Upper

112 100

64 71.4 53.6 80.4

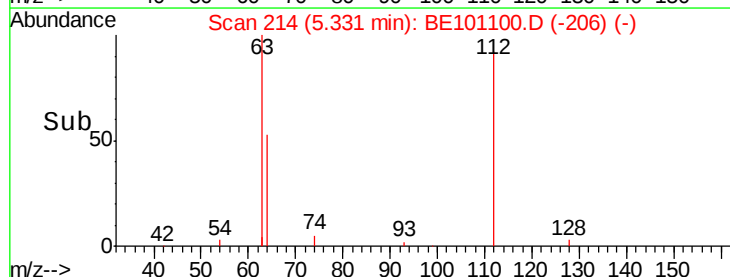
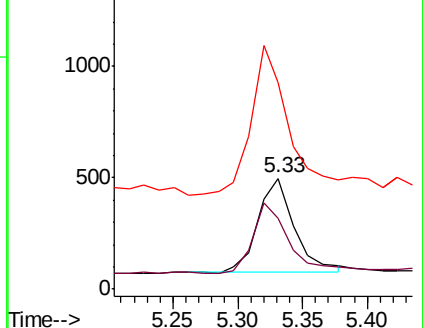
63 164.9 114.6 172.0

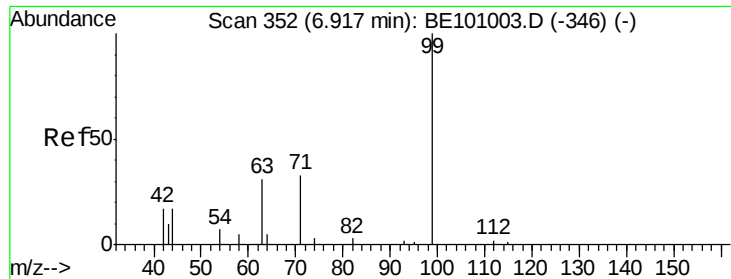


Abundance Ion 112.00 (111.70 to 112.70): BE1

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

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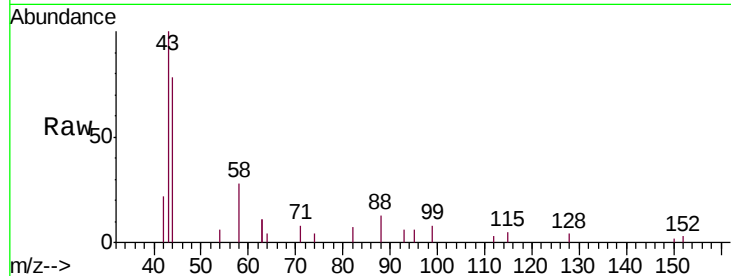
Tgt Ion: 99 Resp: 536

Ion Ratio Lower Upper

99 100

42 45.0 18.3 27.5#

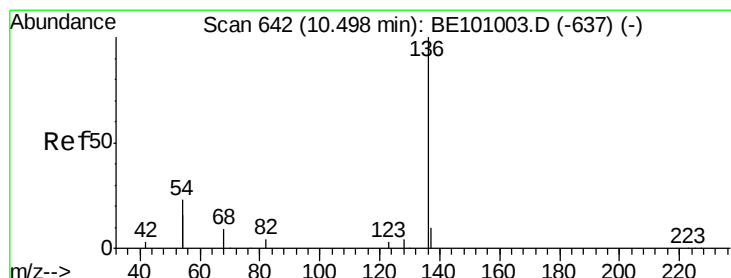
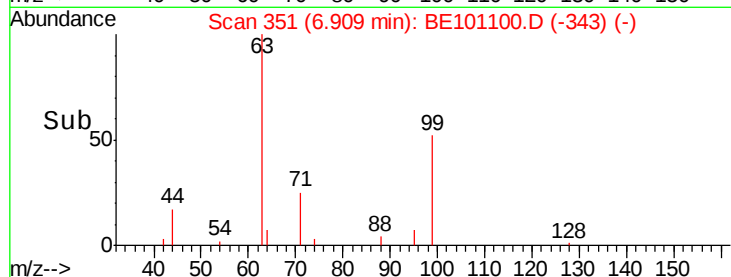
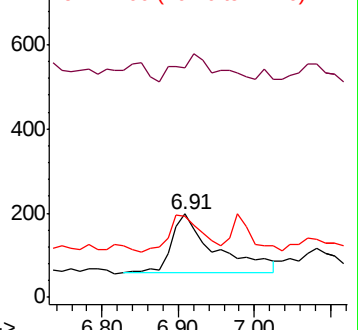
71 0.0 28.0 42.0#



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

Tgt Ion: 136 Resp: 7323

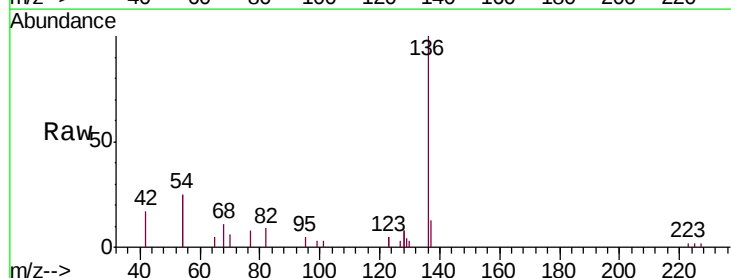
Ion Ratio Lower Upper

136 100

137 13.4 9.3 13.9

54 49.6 36.8 55.2

68 11.2 8.4 12.6

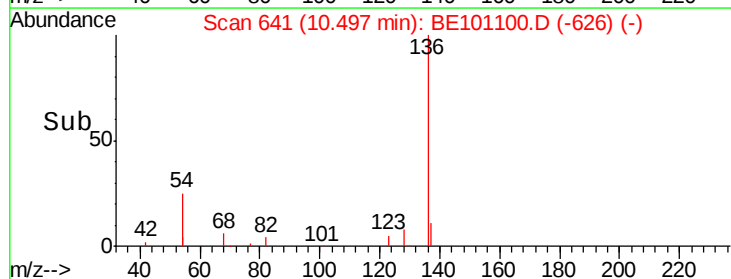
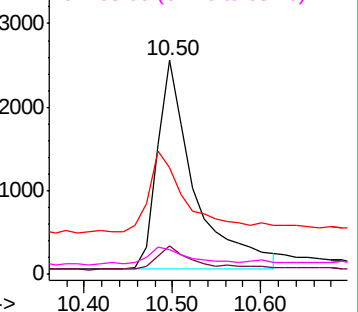


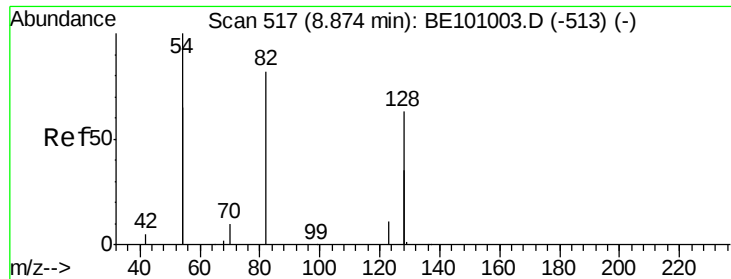
Abundance Ion 136.00 (135.70 to 136.70): E

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

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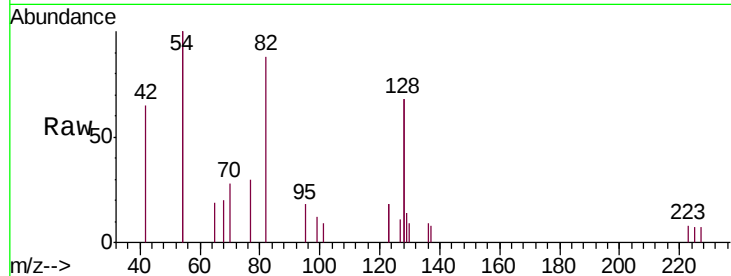
Tgt Ion: 82 Resp: 2392

Ion Ratio Lower Upper

82 100

128 153.3 109.8 164.6

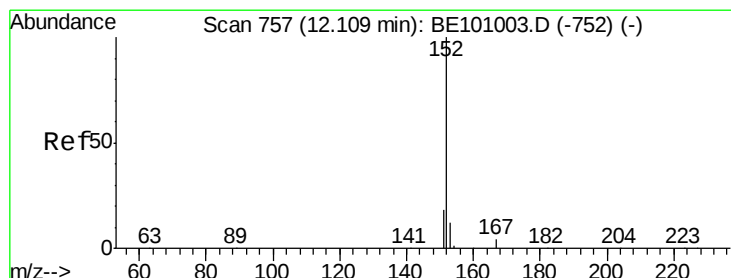
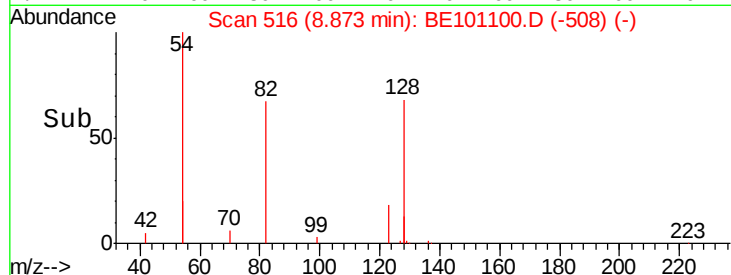
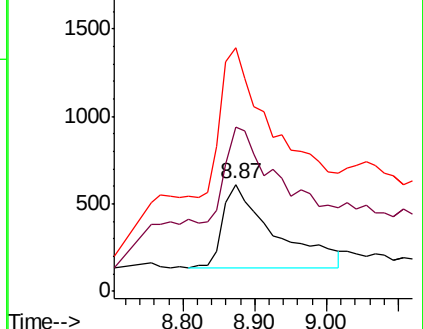
54 227.1 174.5 261.7



Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

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

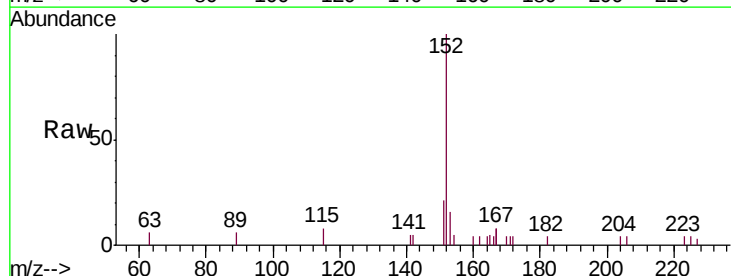
Acq: 20 Jan 2020 13:51

Tgt Ion: 152 Resp: 4911

Ion Ratio Lower Upper

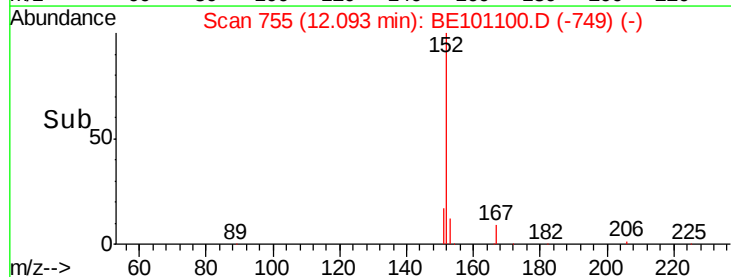
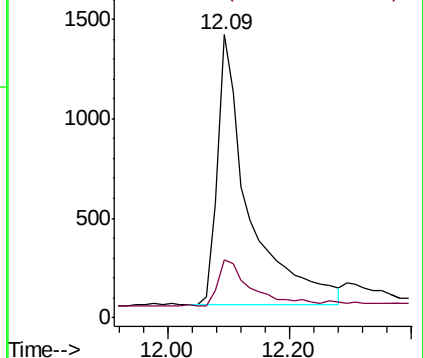
152 100

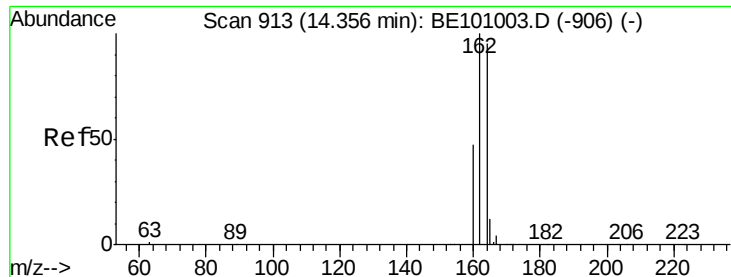
151 19.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

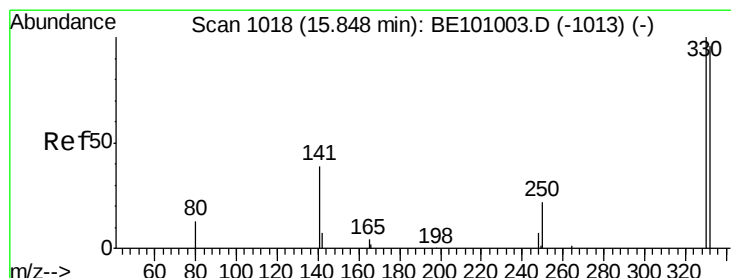
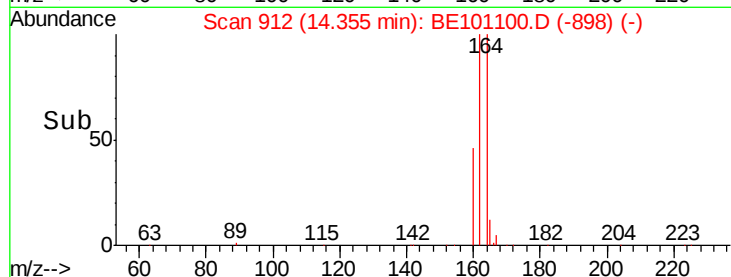
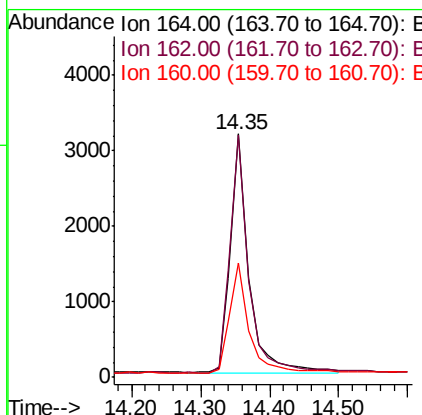
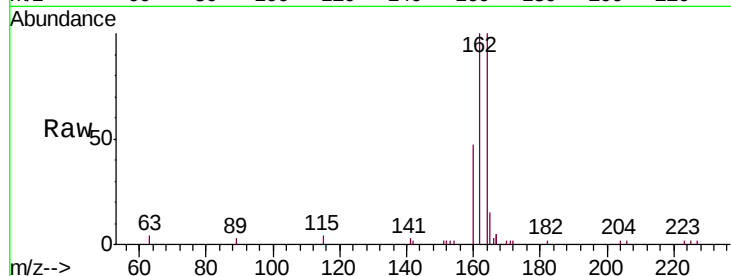




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.35 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101100.D
 Acq: 20 Jan 2020 13:51

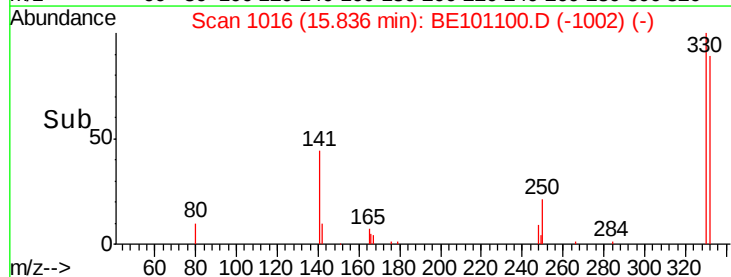
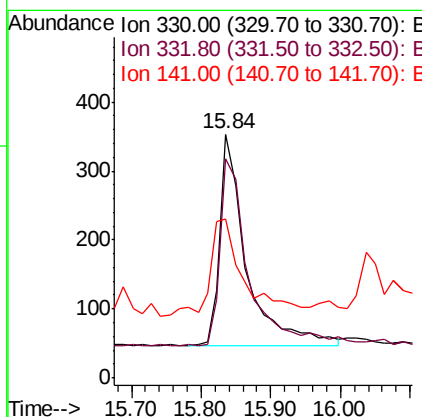
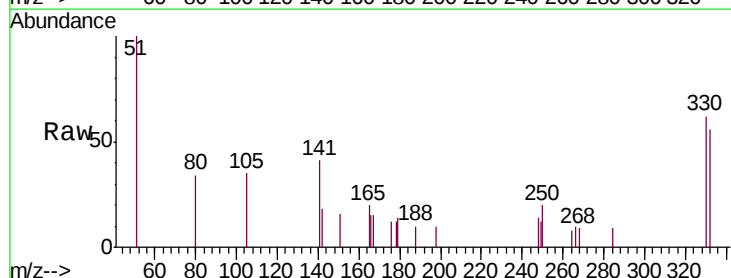
Instrument :
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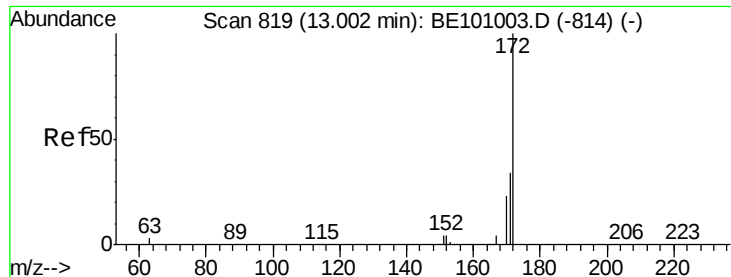
Tgt Ion:164 Resp: 5891
 Ion Ratio Lower Upper
 164 100
 162 99.7 84.1 126.1
 160 46.9 40.4 60.6



#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

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

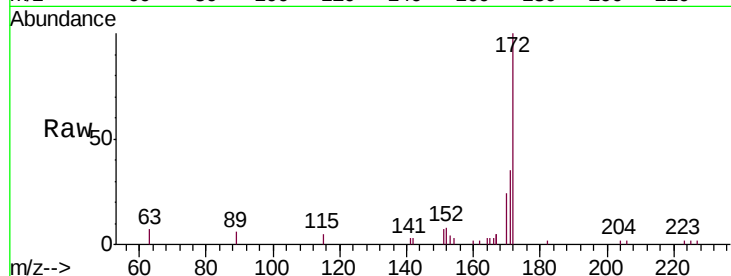




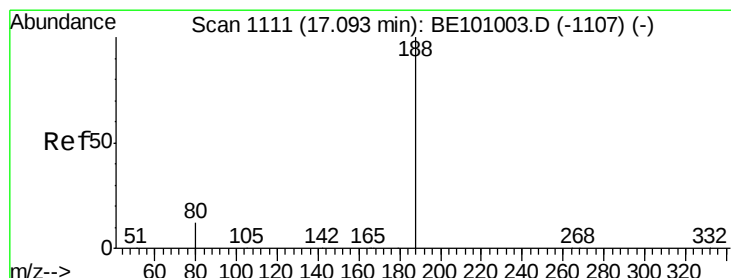
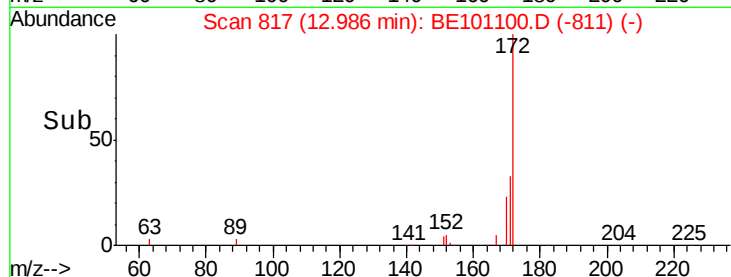
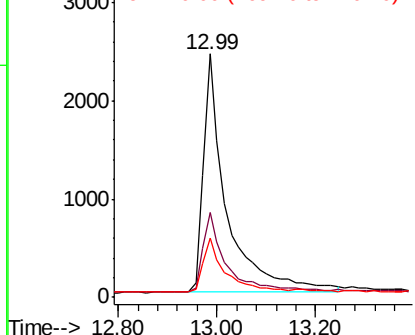
#15
2-Fluorobiphenyl
Concen: 0.356 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101100.D
Acq: 20 Jan 2020 13:51

Instrument :
BNA_E
ClientSampleId :
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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



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

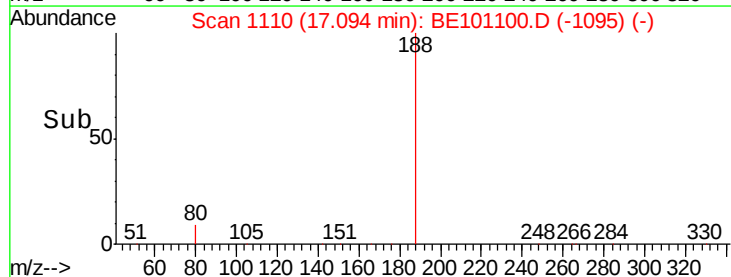
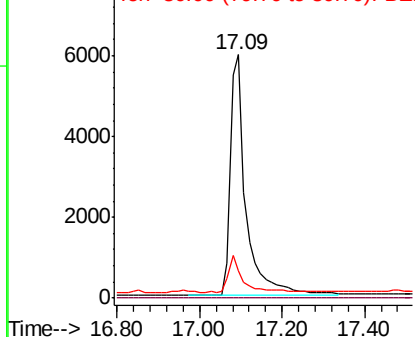


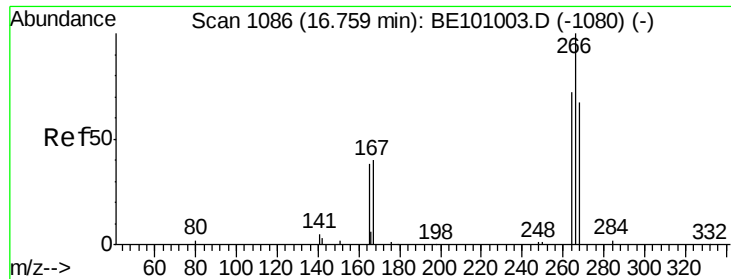
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101100.D
Acq: 20 Jan 2020 13:51

Tgt 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

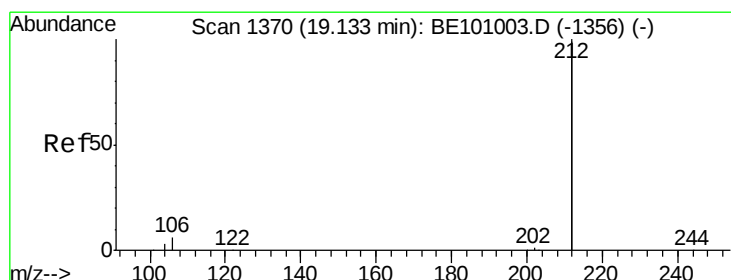
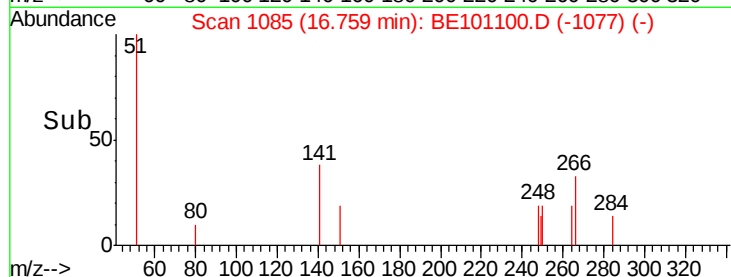
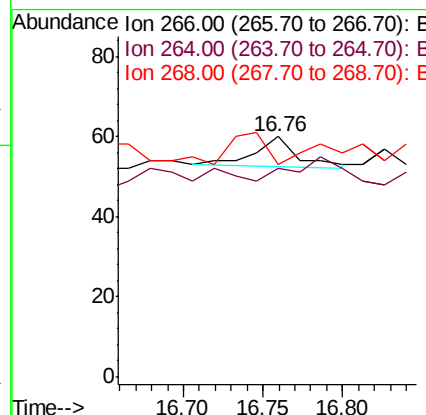
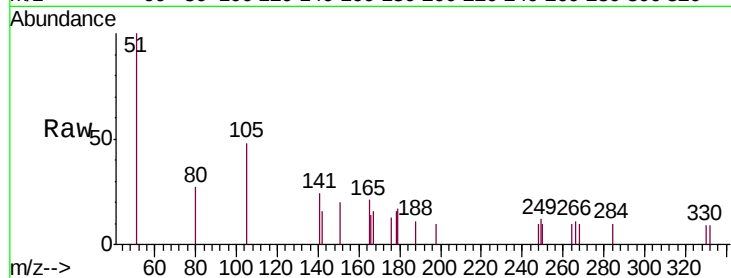




#22
 Pentachlorophenol
 Concen: 0.255 ng
 RT: 16.76 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: BE101100.D
 Acq: 20 Jan 2020 13:51

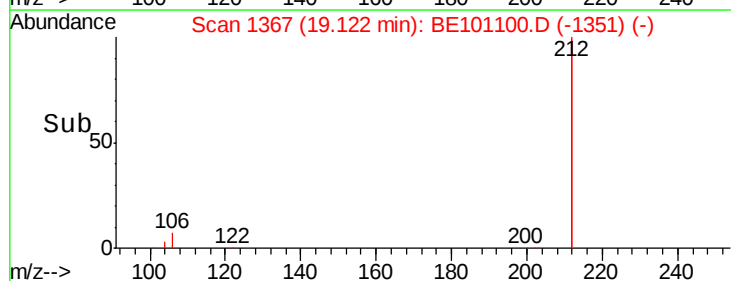
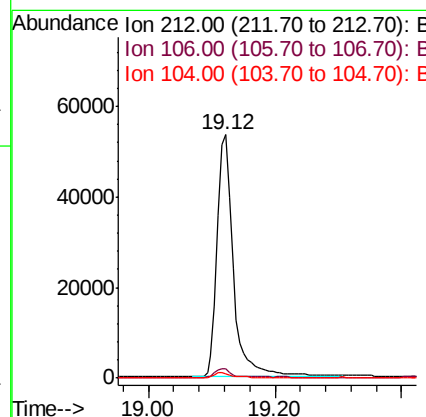
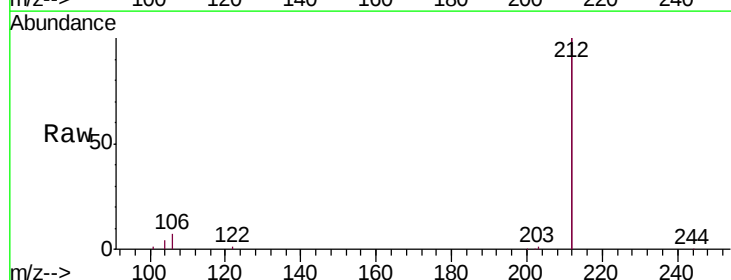
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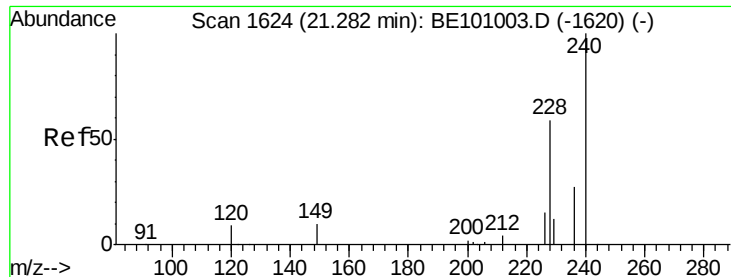
Tgt Ion: 266 Resp: 14
 Ion Ratio Lower Upper
 266 100
 264 86.7 61.0 91.4
 268 88.3 58.5 87.7#



#25
 Fluoranthene-d10
 Concen: 0.436 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE101100.D
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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





#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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ClientSampleId :

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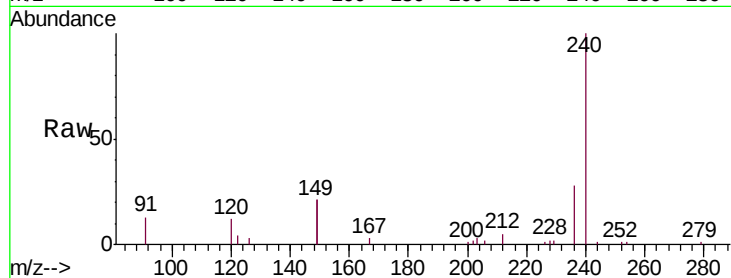
Tgt Ion:240 Resp: 19750

Ion Ratio Lower Upper

240 100

120 12.3 8.6 13.0

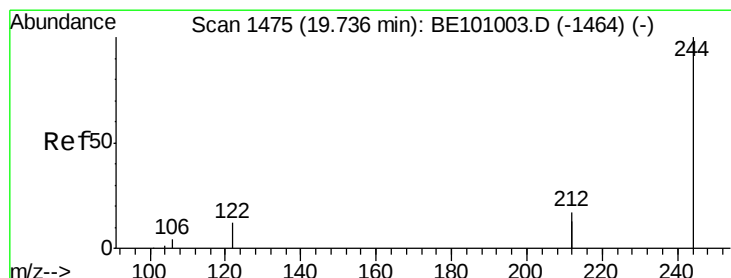
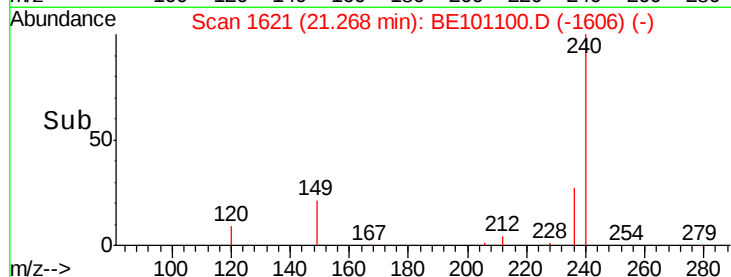
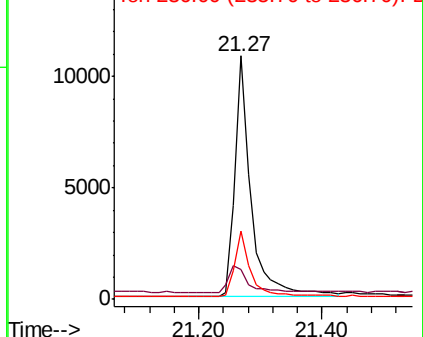
236 27.9 22.2 33.4



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

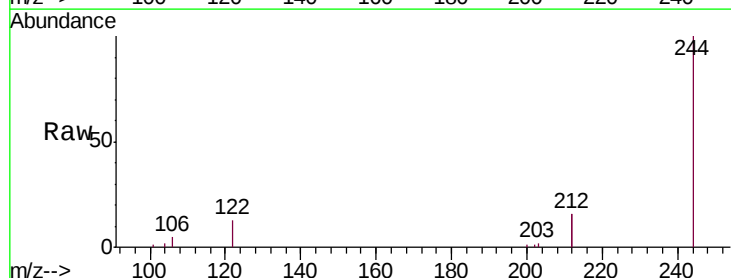
Tgt Ion:244 Resp: 20213

Ion Ratio Lower Upper

244 100

212 32.1 27.2 40.8

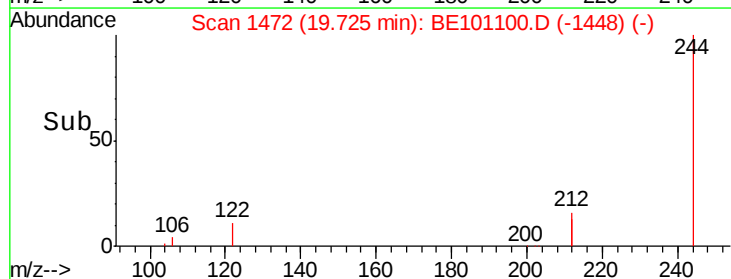
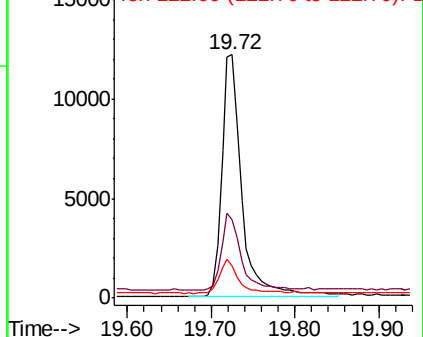
122 13.2 9.8 14.8

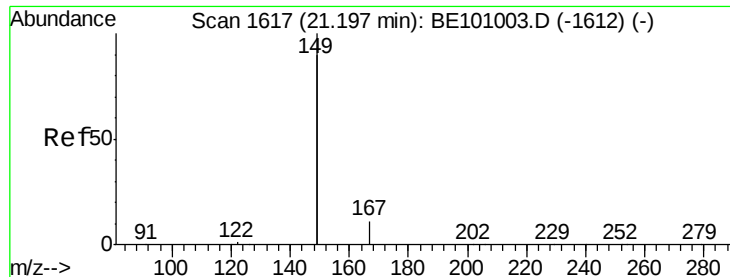


Abundance Ion 244.00 (243.70 to 244.70): E

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

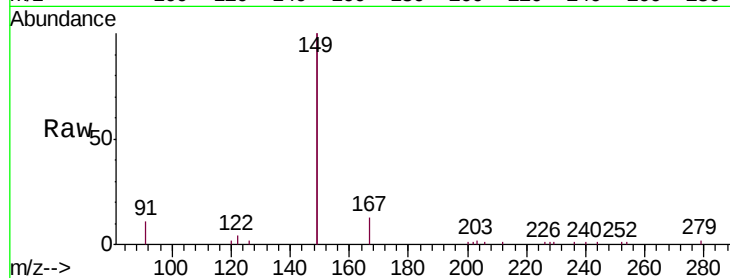
Tgt Ion:149 Resp: 29054

Ion Ratio Lower Upper

149 100

167 6.5 5.2 7.8

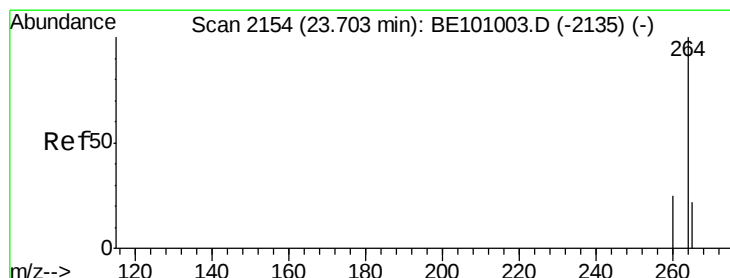
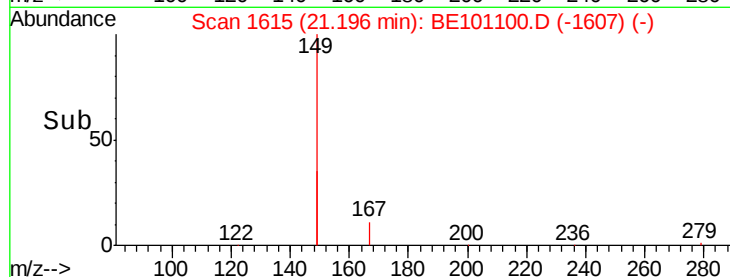
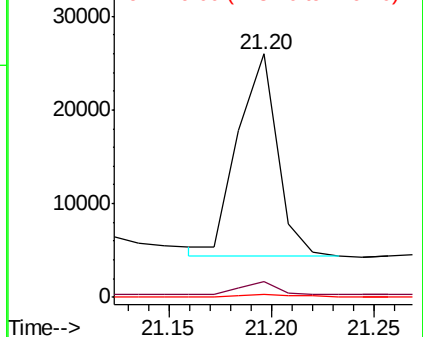
279 0.9 0.8 1.2



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# 2148

Delta R.T. -0.02 min

Lab File: BE101100.D

Acq: 20 Jan 2020 13:51

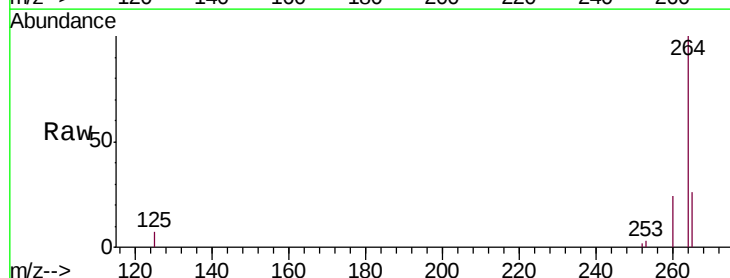
Tgt Ion:264 Resp: 23692

Ion Ratio Lower Upper

264 100

260 24.1 20.3 30.5

265 26.1 27.0 40.4#



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

