

Data File : BE101063.D
Acq On : 15 Jan 2020 18:28
Operator : JU
Sample : PB126102BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126102BL

Quant Time: Jan 16 04:14:48 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	3356	0.40	ng	-0.01
7) Naphthalene-d8	10.50	136	13684	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	7804	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	16039	0.40	ng	0.00
27) Chrysene-d12	21.27	240	14382	0.40	ng	-0.01
34) Perylene-d12	23.70	264	18992	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.34	112	1289	0.17	ng	0.00
5) Phenol-d6	6.92	99	866	0.09	ng	0.00
8) Nitrobenzene-d5	8.87	82	4010	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	12.09	152	7954	0.30	ng	-0.01
14) 2,4,6-Tribromophenol	15.85	330	769	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	12558	0.42	ng	-0.01
25) Fluoranthene-d10	19.12	212	78502	0.35	ng	-0.01
29) Terphenyl-d14	19.73	244	15389	0.44	ng	0.00

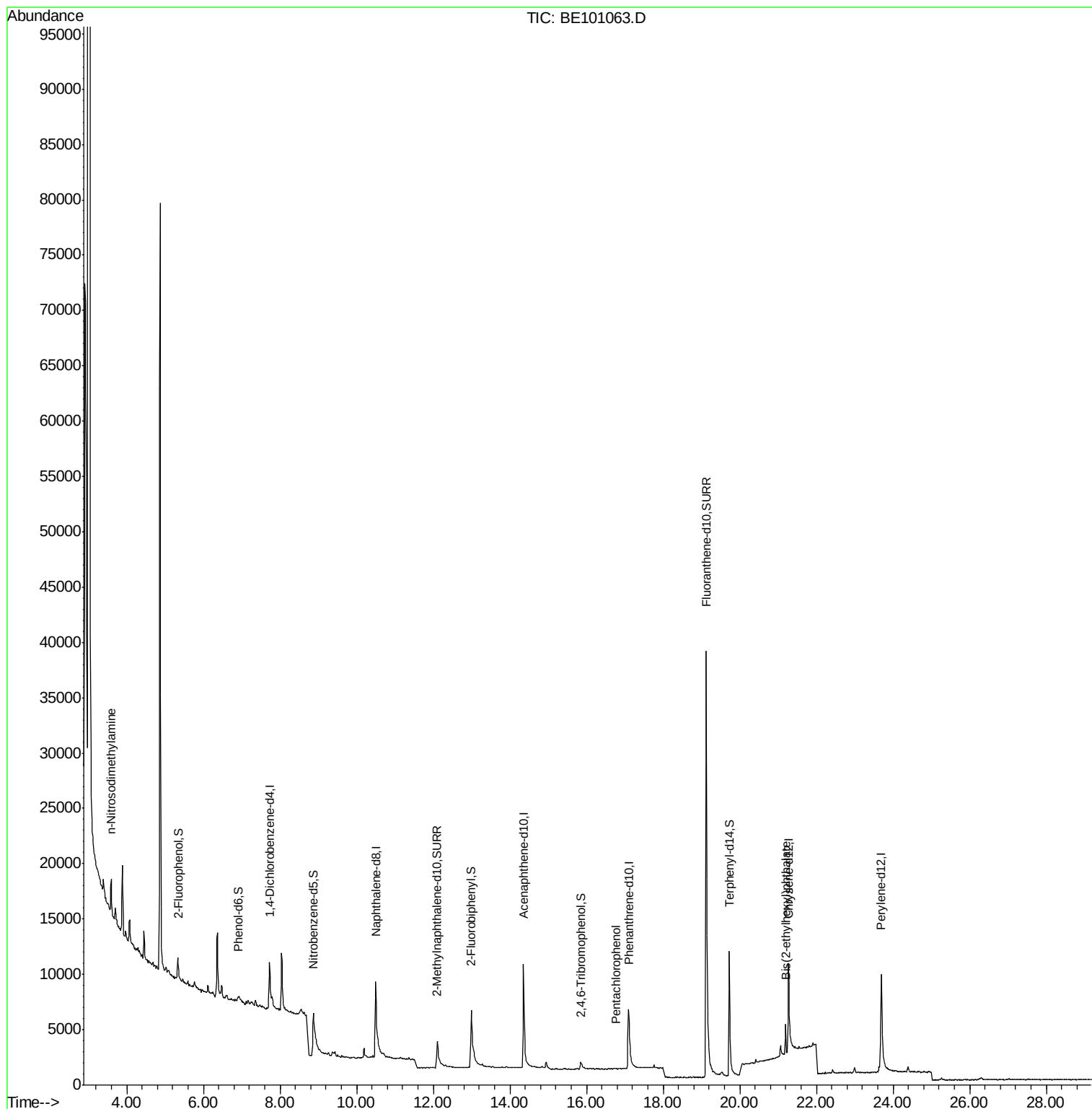
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) n-Nitrosodimethylamine	3.59	42	586	0.126	ng	# 1
22) Pentachlorophenol	16.76	266	46	0.265	ng	# 85
32) Bis(2-ethylhexyl)phthalate	21.20	149	3278	0.048	ng	99

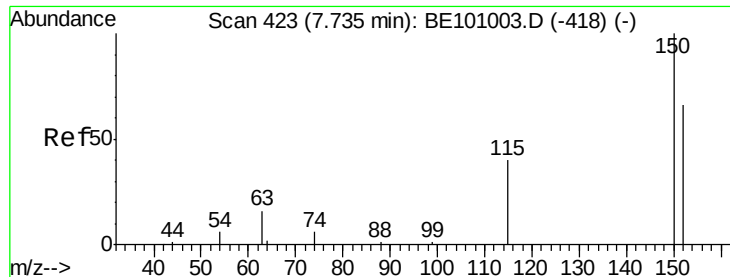
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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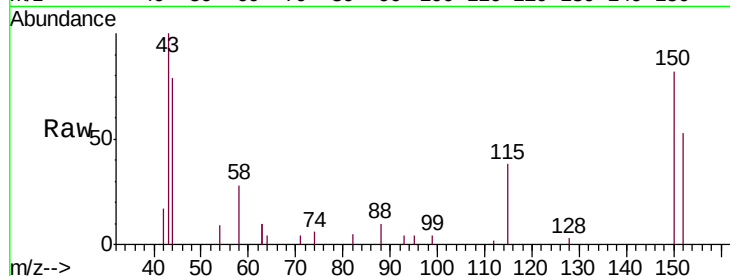


#1

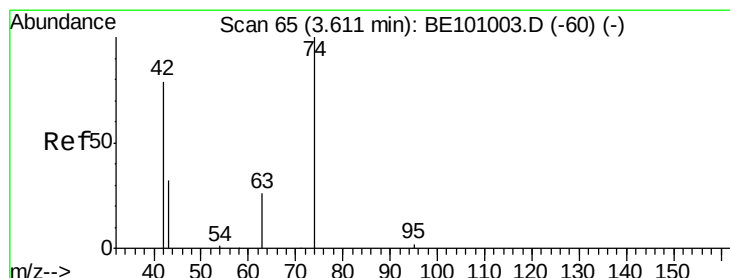
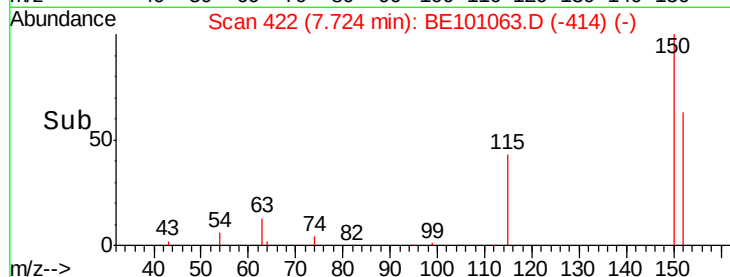
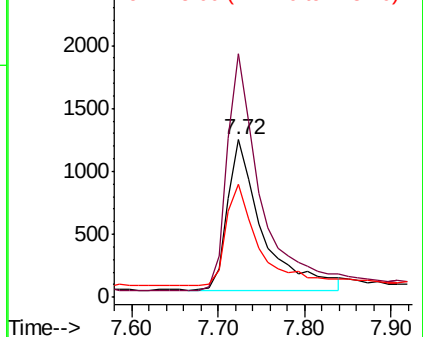
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.72 min Scan# 422
Delta R.T. -0.01 min
Lab File: BE101063.D
Acq: 15 Jan 2020 18:28

Instrument :
BNA_E
ClientSampleId :
PB126102BL

Tgt Ion:152 Resp: 3356
Ion Ratio Lower Upper
152 100
150 154.7 120.3 180.5
115 71.6 51.7 77.5



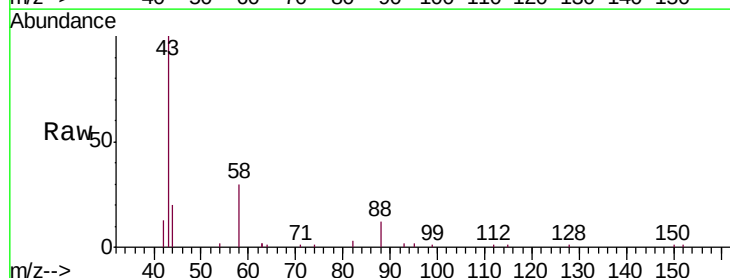
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



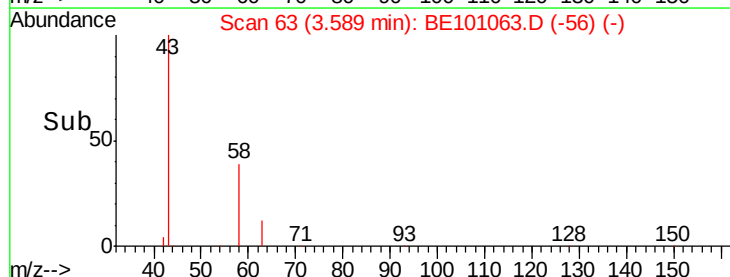
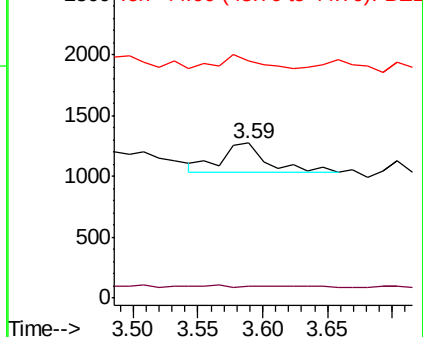
#3

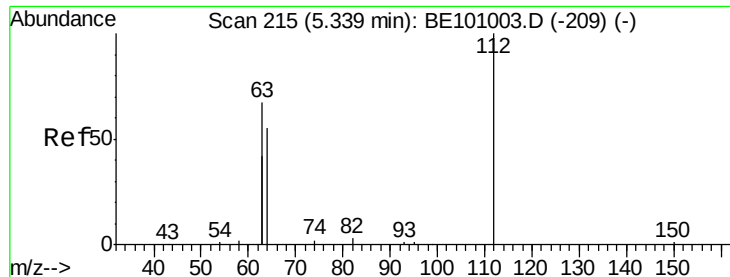
n-Nitrosodimethylamine
Concen: 0.126 ng
RT: 3.59 min Scan# 63
Delta R.T. -0.02 min
Lab File: BE101063.D
Acq: 15 Jan 2020 18:28

Tgt Ion: 42 Resp: 586
Ion Ratio Lower Upper
42 100
74 6.3 105.7 158.5#
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: 0.171 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

Instrument :

BNA_E

ClientSampleId :

PB126102BL

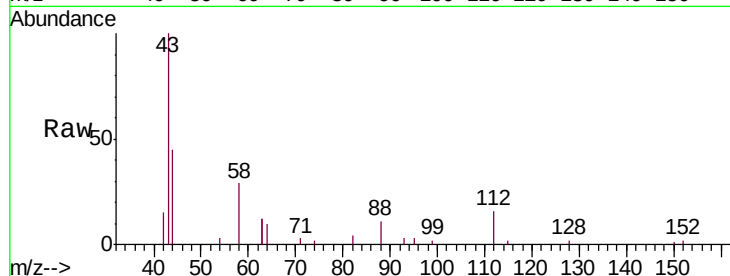
Tgt Ion: 112 Resp: 1289

Ion Ratio Lower Upper

112 100

64 68.7 53.6 80.4

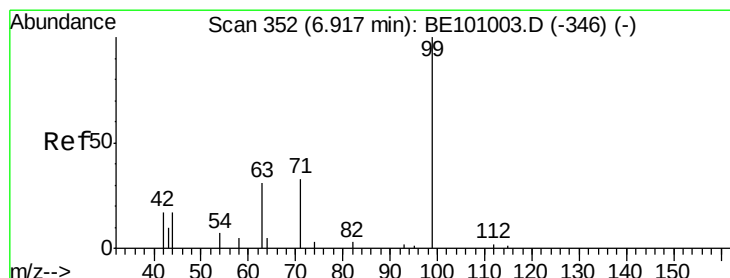
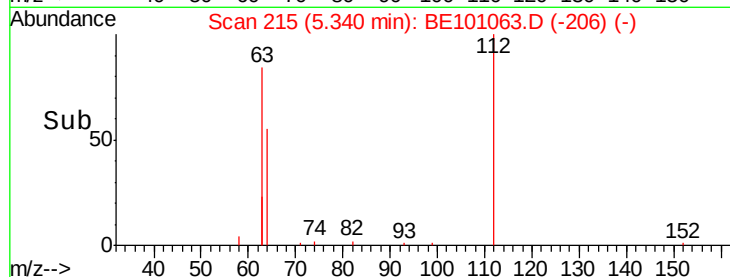
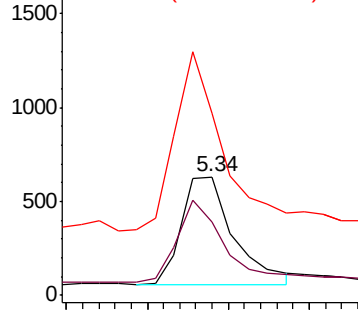
63 152.7 114.6 172.0



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: 0.091 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

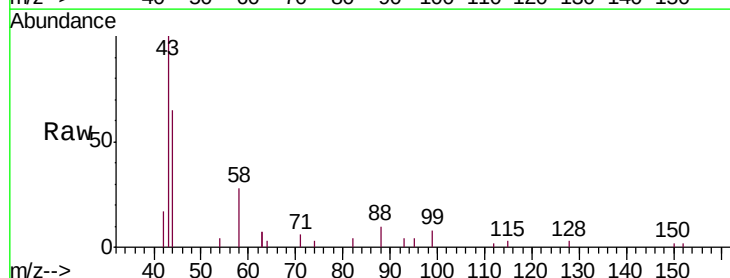
Tgt Ion: 99 Resp: 866

Ion Ratio Lower Upper

99 100

42 35.8 18.3 27.5#

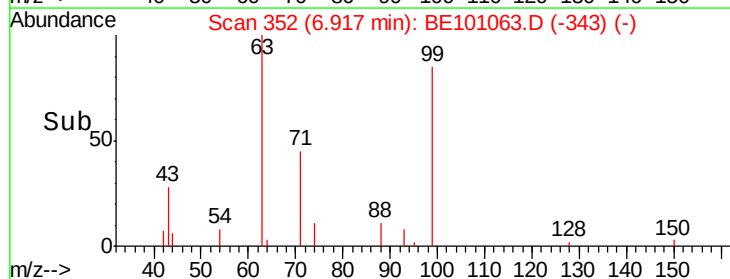
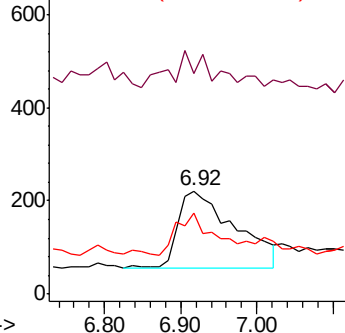
71 38.3 28.0 42.0

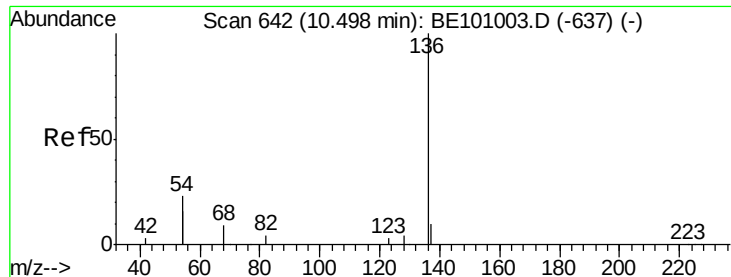


Abundance Ion 99.00 (98.70 to 99.70): BE1

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: BE101063.D

Acq: 15 Jan 2020 18:28

Instrument :

BNA_E

ClientSampleId :

PB126102BL

Tgt Ion: 136 Resp: 13684

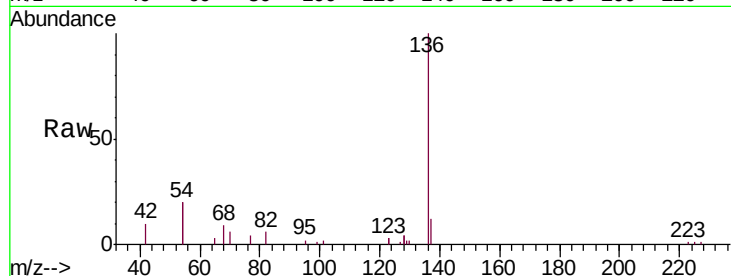
Ion Ratio Lower Upper

136 100

137 11.6 9.3 13.9

54 40.0 36.8 55.2

68 9.4 8.4 12.6

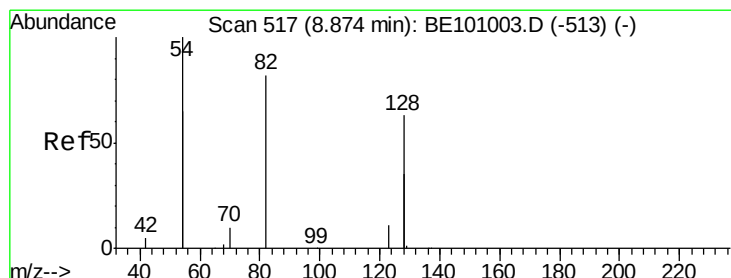
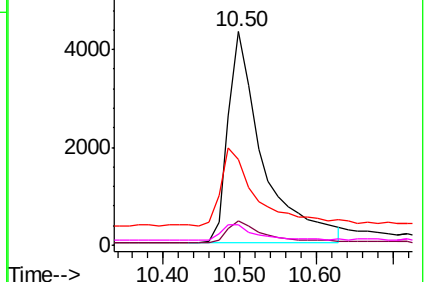
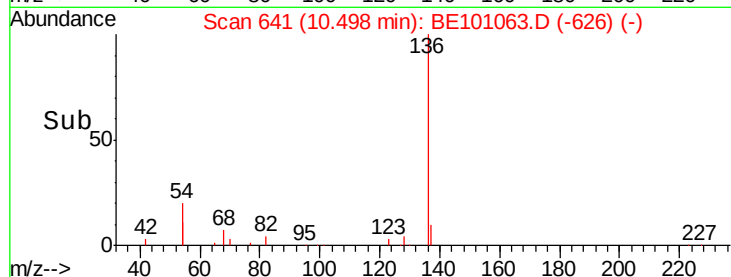


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.410 ng

RT: 8.87 min Scan# 516

Delta R.T. 0.00 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

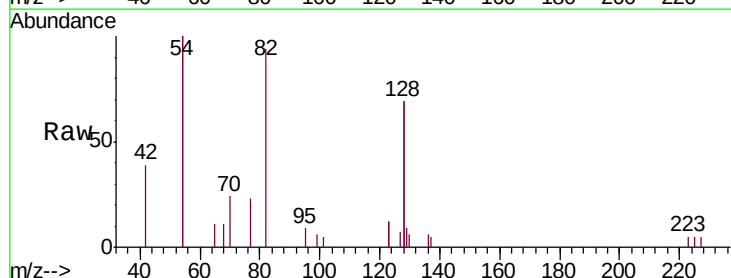
Tgt Ion: 82 Resp: 4010

Ion Ratio Lower Upper

82 100

128 146.4 109.8 164.6

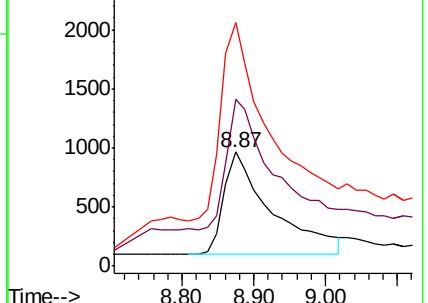
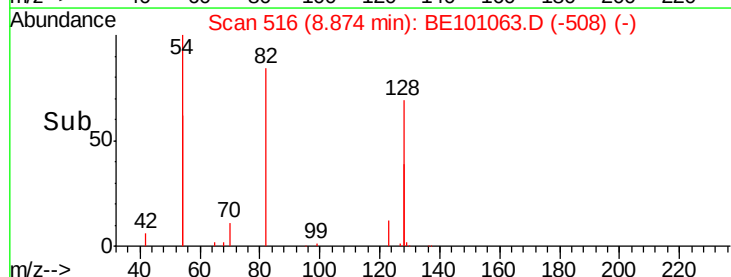
54 213.3 174.5 261.7

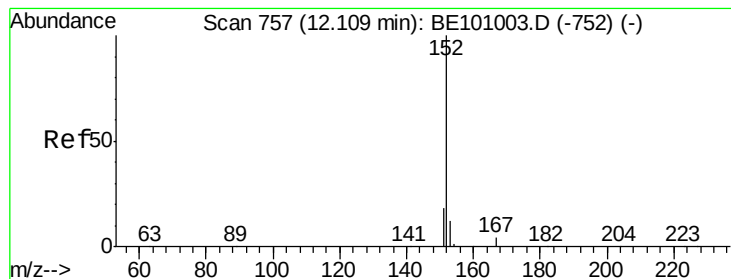


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#11

2-Methylnaphthalene-d10

Concen: 0.305 ng

RT: 12.09 min Scan# 755

Delta R.T. -0.01 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

Instrument :

BNA_E

ClientSampleId :

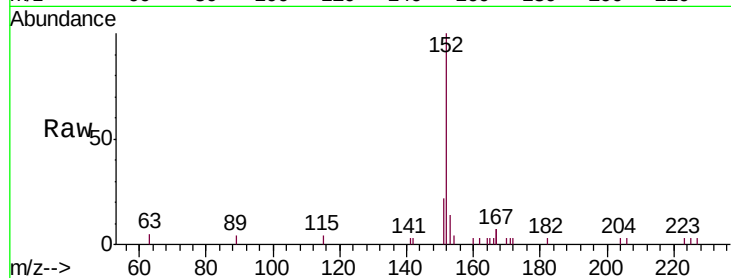
PB126102BL

Tgt Ion:152 Resp: 7954

Ion Ratio Lower Upper

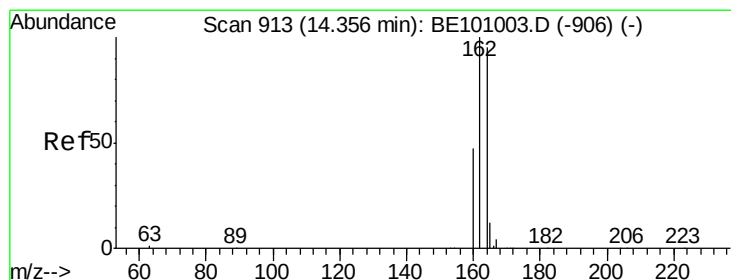
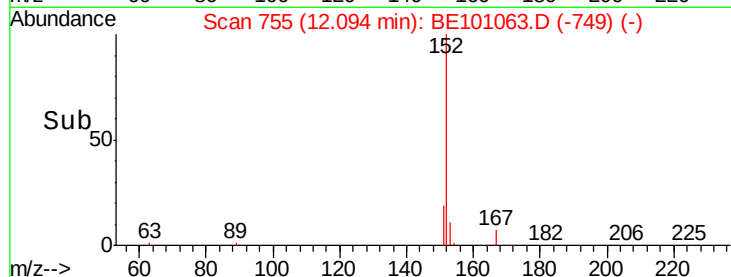
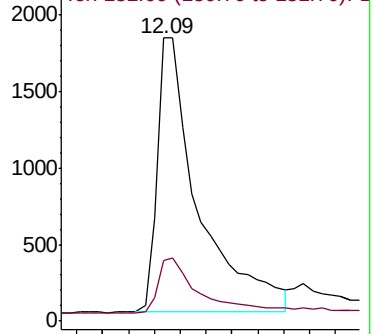
152 100

151 20.0 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. 0.00 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

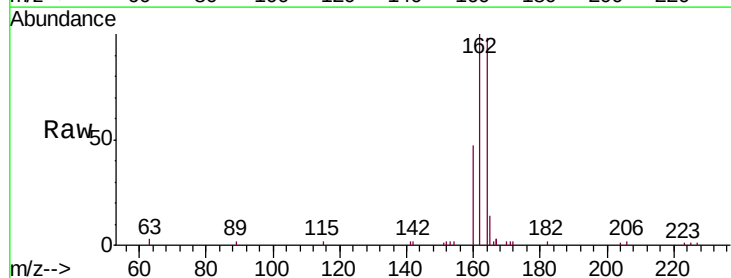
Tgt Ion:164 Resp: 7804

Ion Ratio Lower Upper

164 100

162 101.7 84.1 126.1

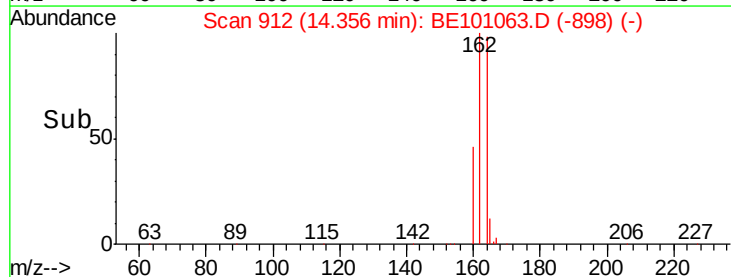
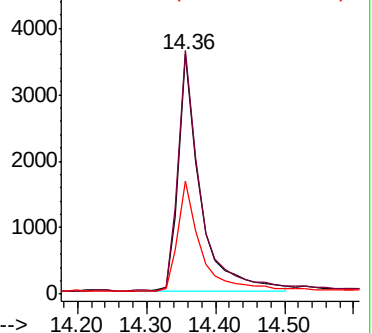
160 47.5 40.4 60.6

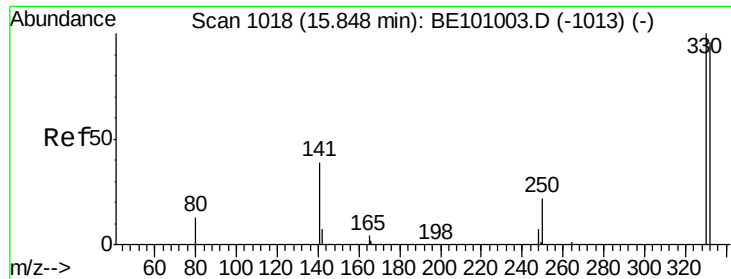


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

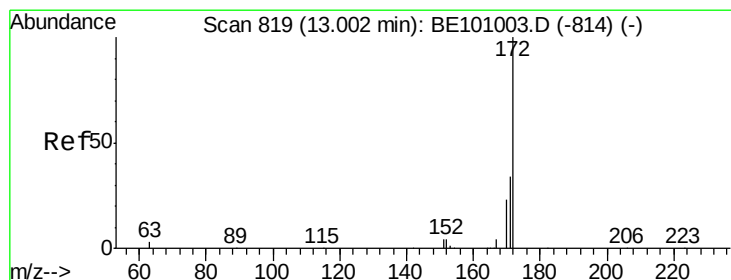
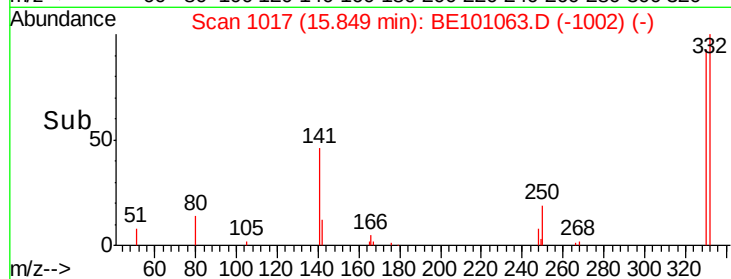
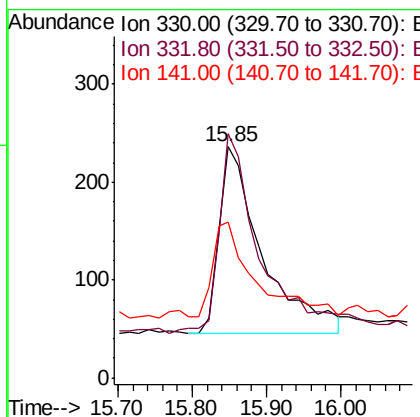
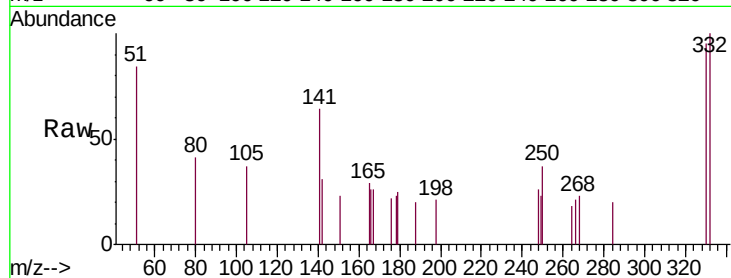




#14
 2,4,6-Tribromophenol
 Concen: 0.349 ng
 RT: 15.85 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BE101063.D
 Acq: 15 Jan 2020 18:28

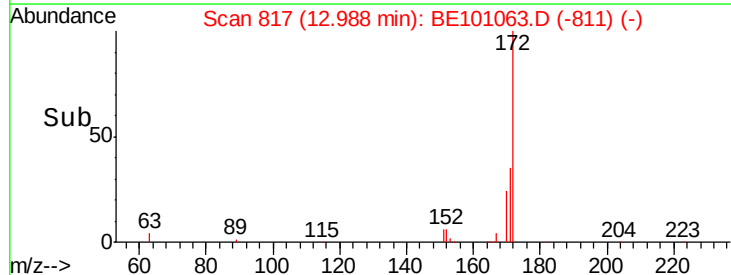
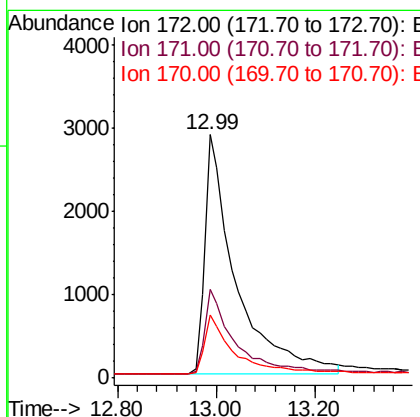
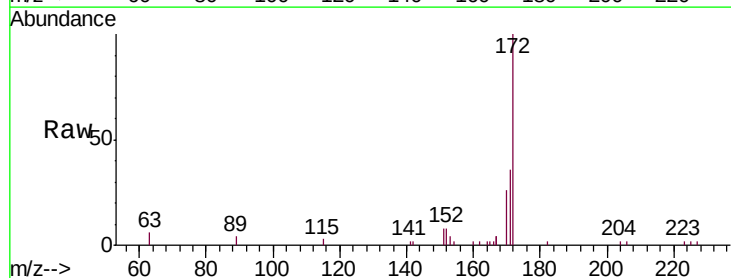
Instrument :
 BNA_E
 ClientSampleId :
 PB126102BL

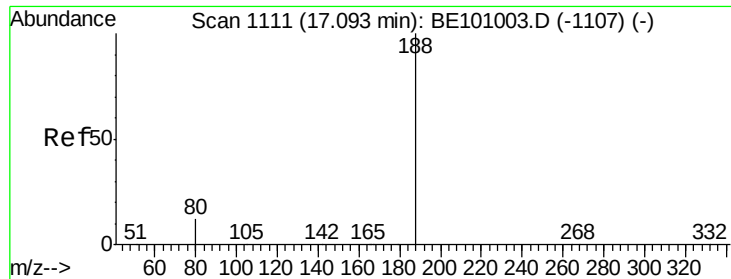
Tgt Ion:330 Resp: 769
 Ion Ratio Lower Upper
 330 100
 332 102.1 78.4 117.6
 141 51.0 37.0 55.4



#15
 2-Fluorobiphenyl
 Concen: 0.424 ng
 RT: 12.99 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BE101063.D
 Acq: 15 Jan 2020 18:28

Tgt Ion:172 Resp: 12558
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.2 42.2
 170 25.7 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: BE101063.D

Acq: 15 Jan 2020 18:28

Instrument :

BNA_E

ClientSampleId :

PB126102BL

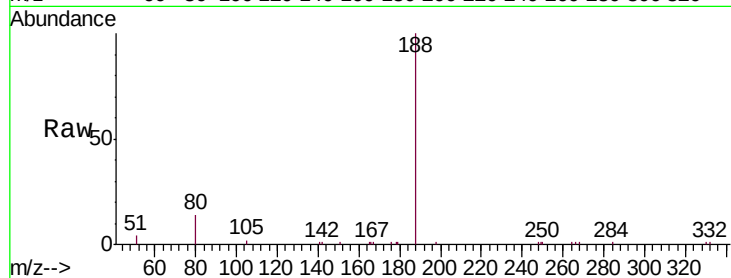
Tgt Ion:188 Resp: 16039

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

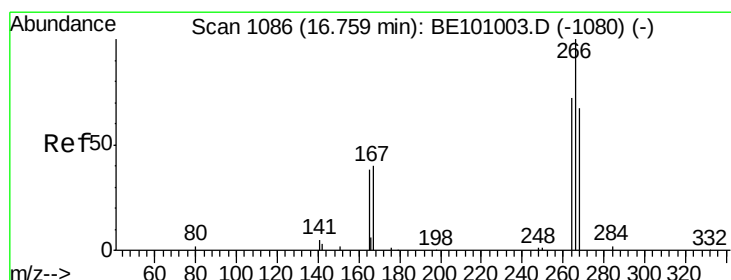
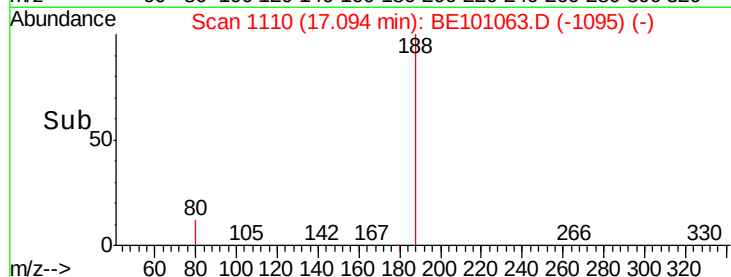
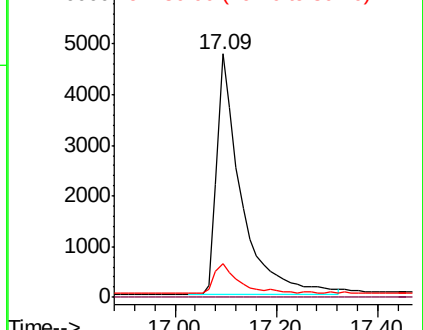
80 13.7 10.8 16.2



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: 0.265 ng

RT: 16.76 min Scan# 1085

Delta R.T. 0.00 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

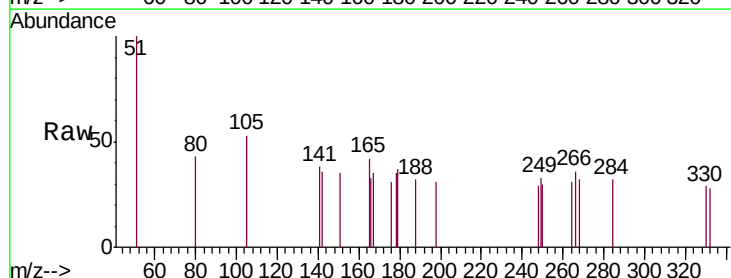
Tgt Ion:266 Resp: 46

Ion Ratio Lower Upper

266 100

264 86.9 61.0 91.4

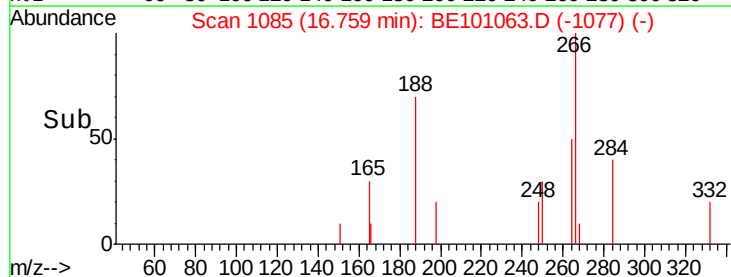
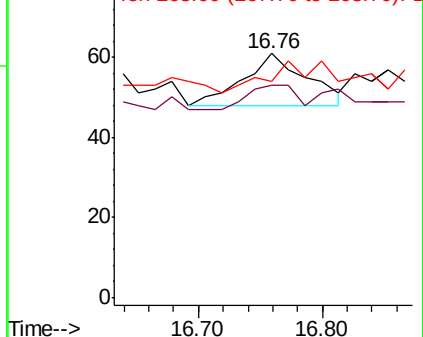
268 88.5 58.5 87.7#

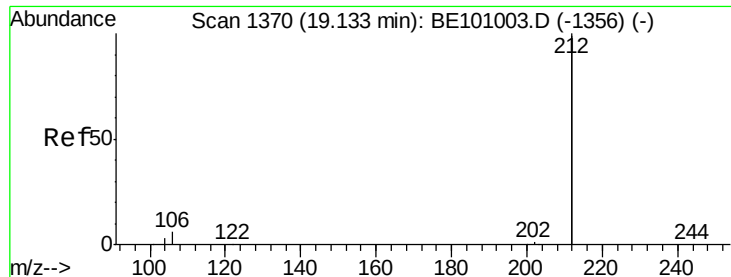


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#25

Fluoranthene-d10

Concen: 0.352 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

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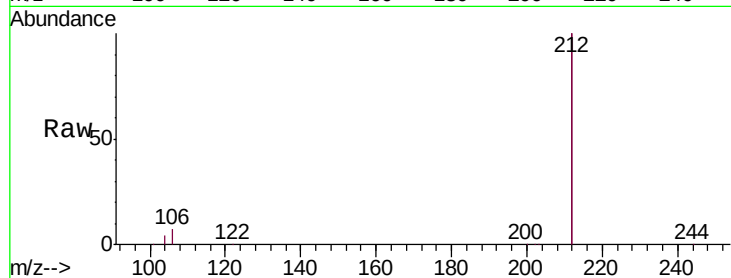
Tgt Ion:212 Resp: 78502

Ion Ratio Lower Upper

212 100

106 3.4 2.6 3.8

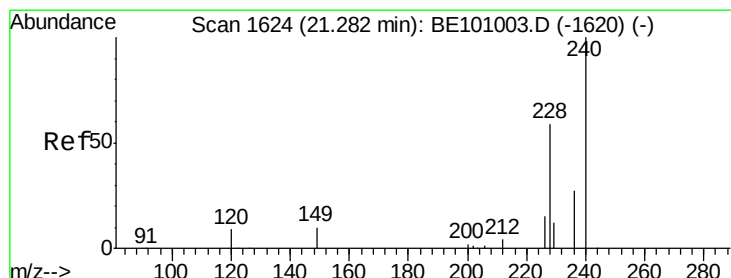
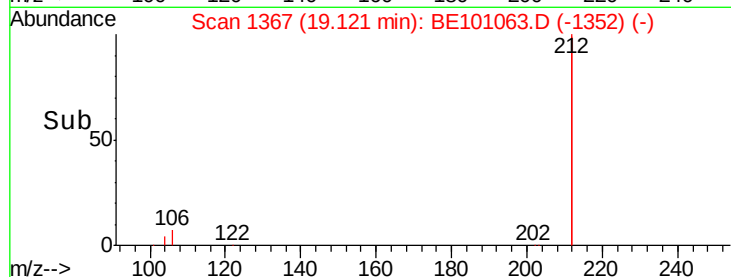
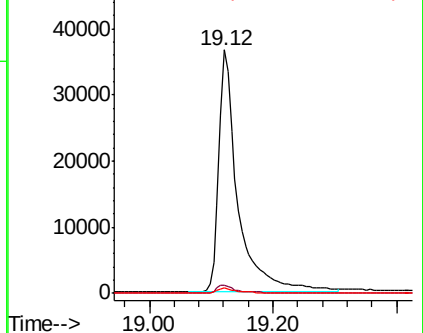
104 1.9 1.4 2.0



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: BE101063.D

Acq: 15 Jan 2020 18:28

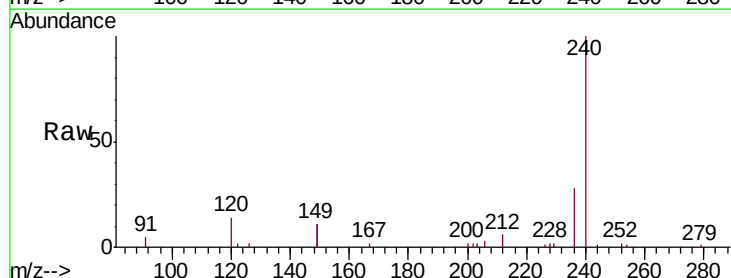
Tgt Ion:240 Resp: 14382

Ion Ratio Lower Upper

240 100

120 13.8 8.6 13.0#

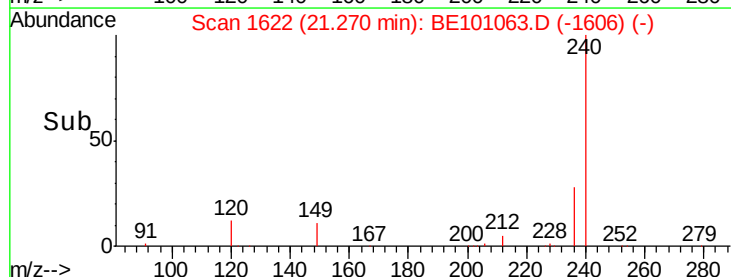
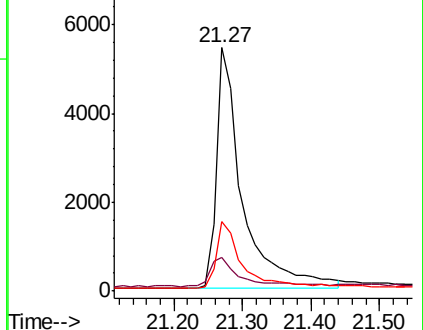
236 28.5 22.2 33.4

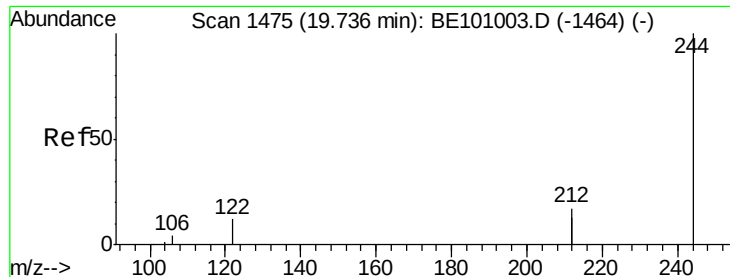


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#29

Terphenyl-d14

Concen: 0.436 ng

RT: 19.73 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

Instrument :

BNA_E

ClientSampleId :

PB126102BL

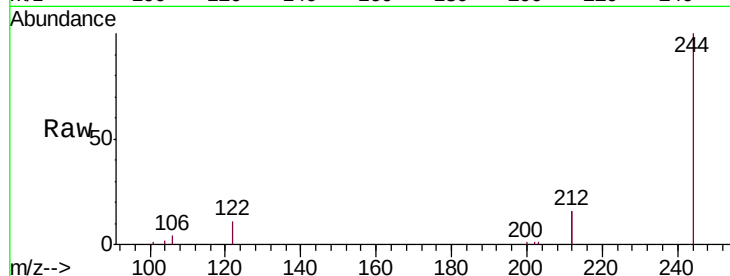
Tgt Ion:244 Resp: 15389

Ion Ratio Lower Upper

244 100

212 32.6 27.2 40.8

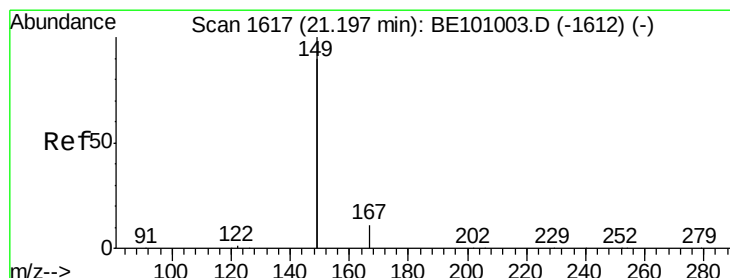
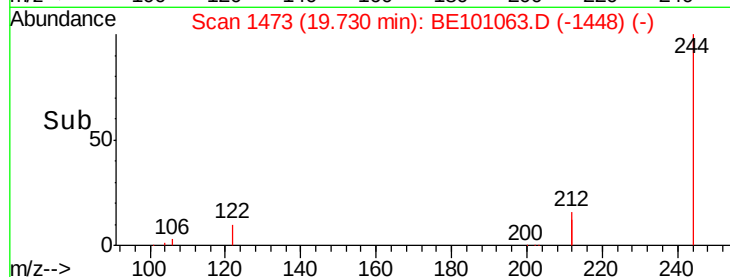
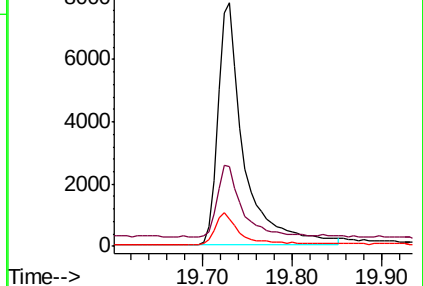
122 11.0 9.8 14.8



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: 0.048 ng

RT: 21.20 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

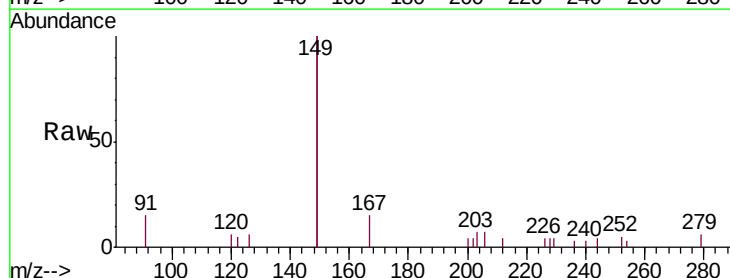
Tgt Ion:149 Resp: 3278

Ion Ratio Lower Upper

149 100

167 7.0 5.2 7.8

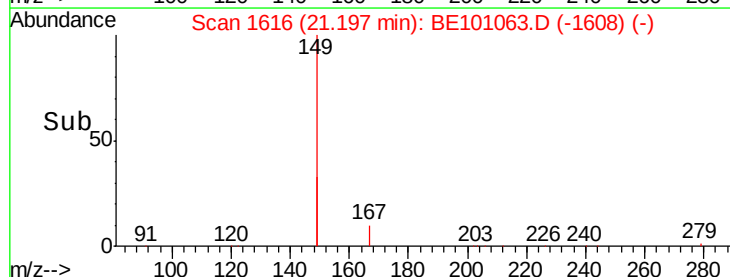
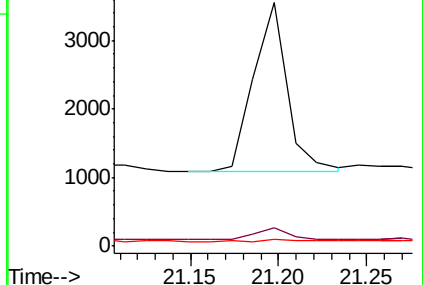
279 1.2 0.8 1.2

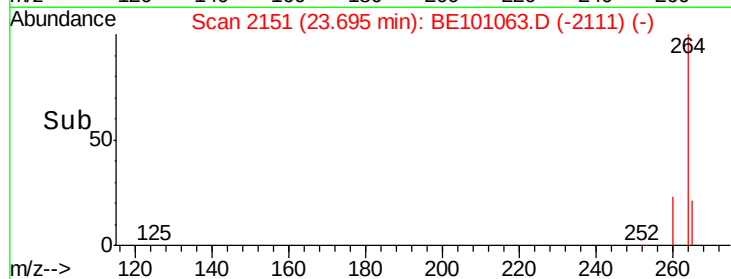
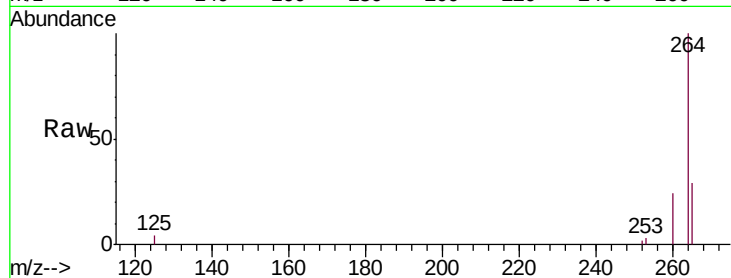
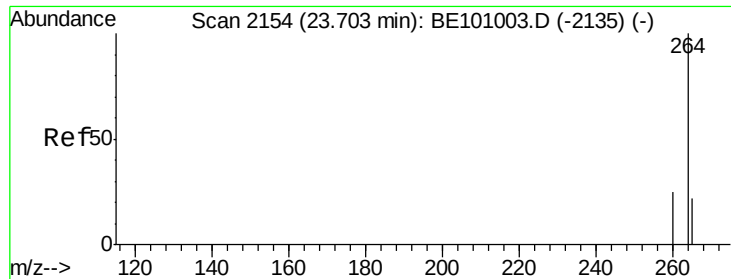


Abundance Ion 149.00 (148.70 to 149.70): E

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: 23.70 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE101063.D

Acq: 15 Jan 2020 18:28

Instrument :

BNA_E

ClientSampleId :

PB126102BL

Tgt Ion: 264 Resp: 18992

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 29.3 27.0 40.4

