

Data File : BE101088.D
Acq On : 17 Jan 2020 17:06
Operator : JU
Sample : PB126161BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126161BL

Quant Time: Jan 17 23:20:32 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	1240	0.40	ng	0.00
7) Naphthalene-d8	10.50	136	4922	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	3954	0.40	ng	0.00
19) Phenanthrene-d10	17.09	188	12080	0.40	ng	0.00
27) Chrysene-d12	21.27	240	21849	0.40	ng	-0.01
34) Perylene-d12	23.69	264	21587	0.40	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.33	112	1389	0.50	ng	0.00
5) Phenol-d6	6.91	99	1212	0.34	ng	0.00
8) Nitrobenzene-d5	8.90	82	1023	0.29	ng	0.02
11) 2-Methylnaphthalene-d10	12.11	152	2875	0.31	ng	0.00
14) 2,4,6-Tribromophenol	15.85	330	315	0.28	ng	0.00
15) 2-Fluorobiphenyl	12.99	172	5104	0.34	ng	-0.02
25) Fluoranthene-d10	19.12	212	75952	0.45	ng	-0.01
29) Terphenyl-d14	19.72	244	17401	0.32	ng	-0.01

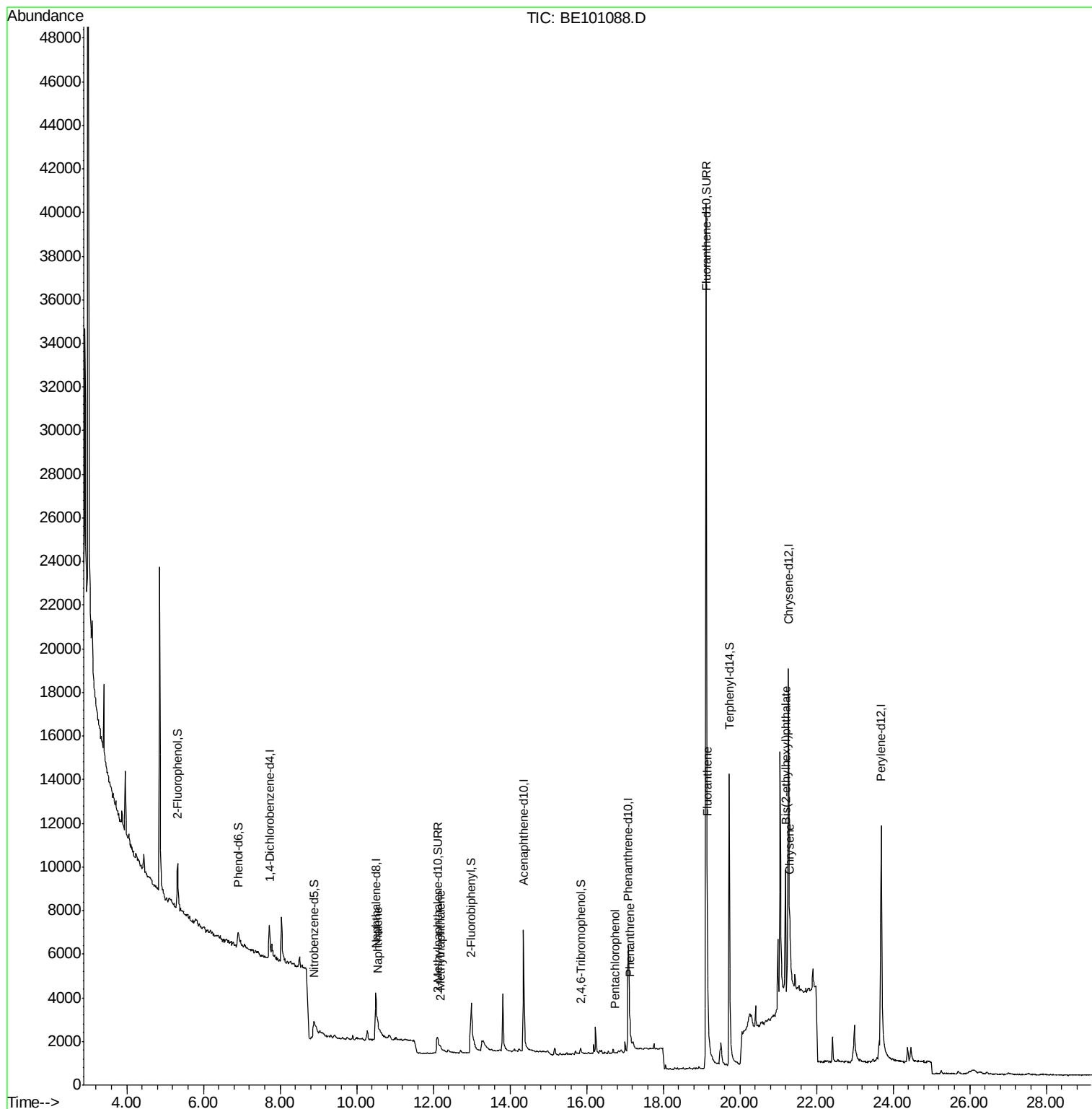
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	10.55	128	1283	0.023	ng	# 78
12) 2-Methylnaphthalene	12.18	142	246	0.030	ng	# 71
22) Pentachlorophenol	16.75	266	16	0.257	ng	# 77
23) Phenanthrene	17.13	178	722	0.022	ng	# 88
26) Fluoranthene	19.15	202	1292	0.031	ng	# 94
31) Chrysene	21.31	228	2228	0.024	ng	# 89
32) Bis(2-ethylhexyl)phthalate	21.20	149	8928	0.086	ng	# 99

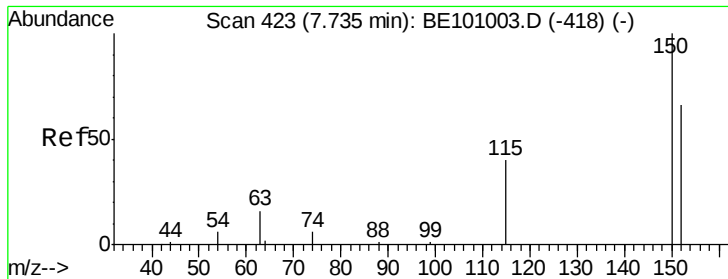
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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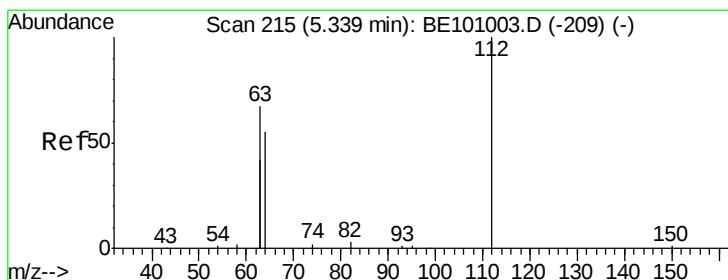
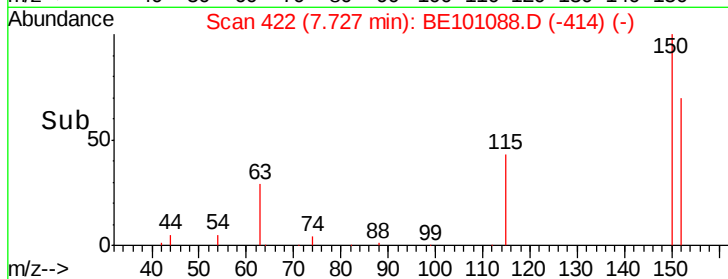
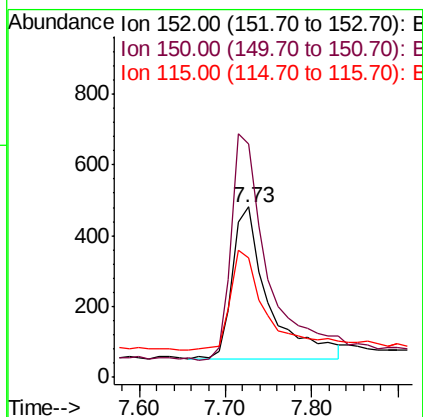
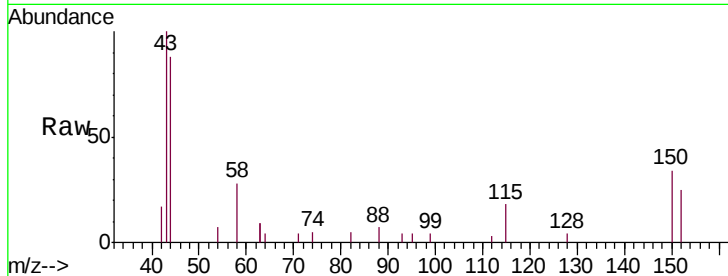




#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 7.73 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BE101088.D
 Acq: 17 Jan 2020 17:06

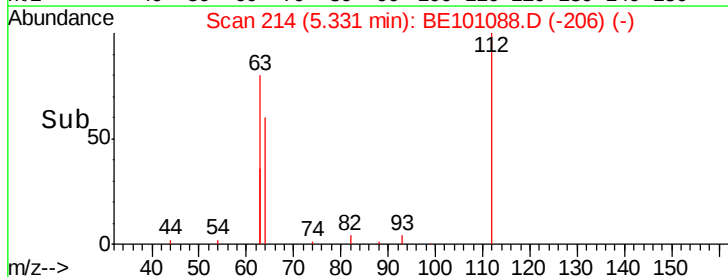
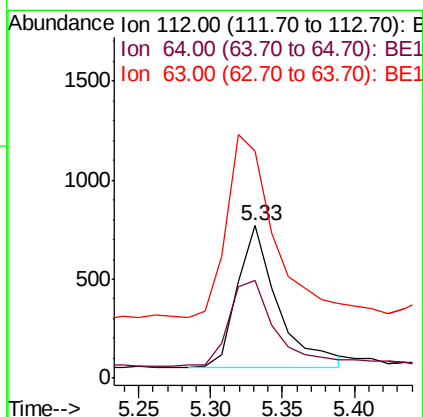
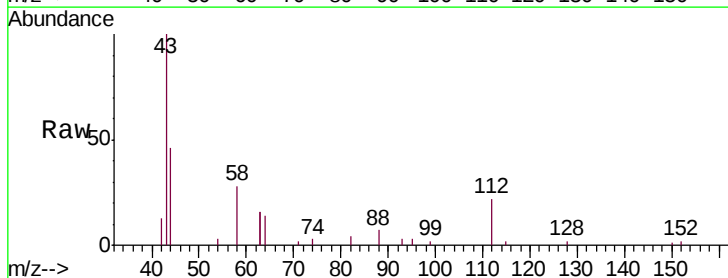
Instrument :
 BNA_E
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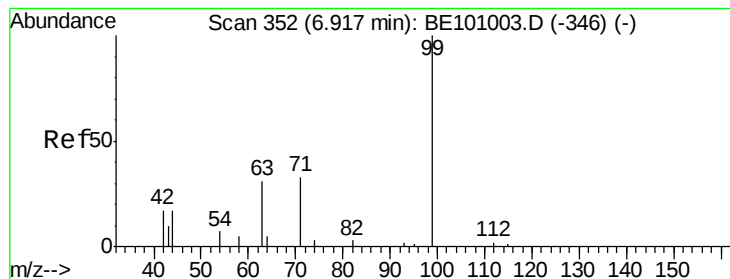
Tgt Ion:152 Resp: 1240
 Ion Ratio Lower Upper
 152 100
 150 137.4 120.3 180.5
 115 70.3 51.7 77.5



#4
 2-Fluorophenol
 Concen: 0.498 ng
 RT: 5.33 min Scan# 214
 Delta R.T. -0.01 min
 Lab File: BE101088.D
 Acq: 17 Jan 2020 17:06

Tgt Ion:112 Resp: 1389
 Ion Ratio Lower Upper
 112 100
 64 69.8 53.6 80.4
 63 149.7 114.6 172.0





#5

Phenol-d6

Concen: 0.343 ng

RT: 6.91 min Scan# 351

Delta R.T. -0.01 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

Instrument :

BNA_E

ClientSampleId :

PB126161BL

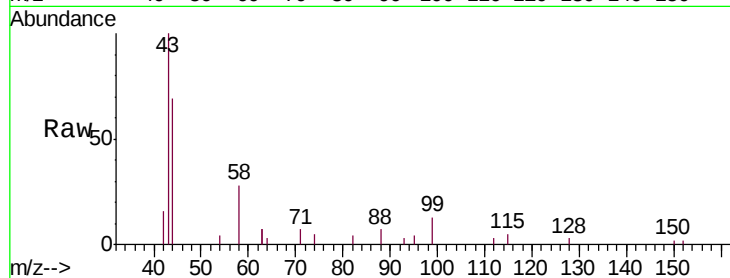
Tgt Ion: 99 Resp: 1212

Ion Ratio Lower Upper

99 100

42 21.6 18.3 27.5

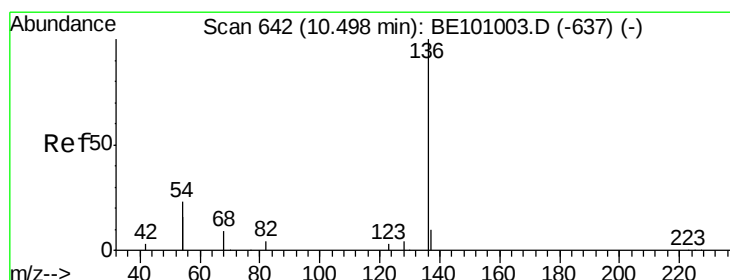
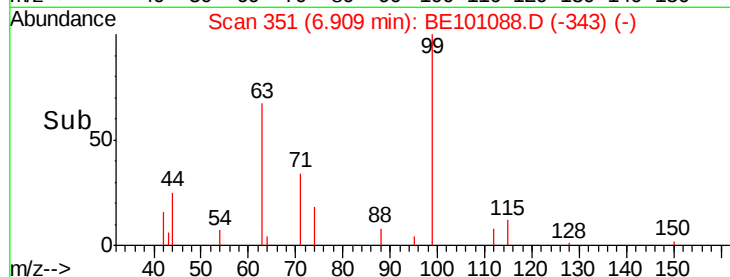
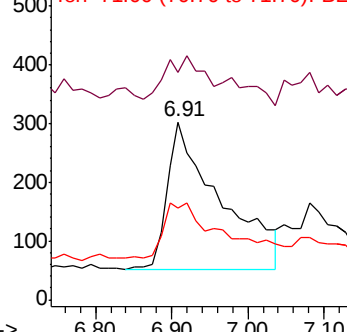
71 0.0 28.0 42.0#



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: BE101088.D

Acq: 17 Jan 2020 17:06

Tgt Ion: 136 Resp: 4922

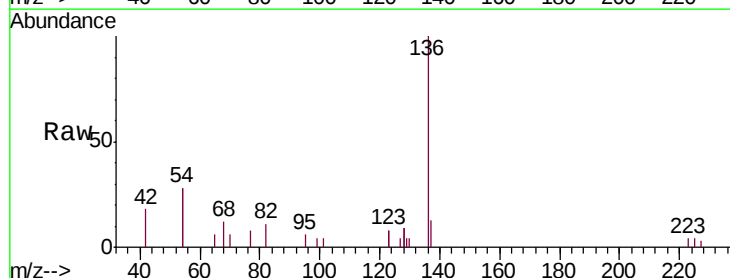
Ion Ratio Lower Upper

136 100

137 12.8 9.3 13.9

54 56.9 36.8 55.2#

68 12.5 8.4 12.6

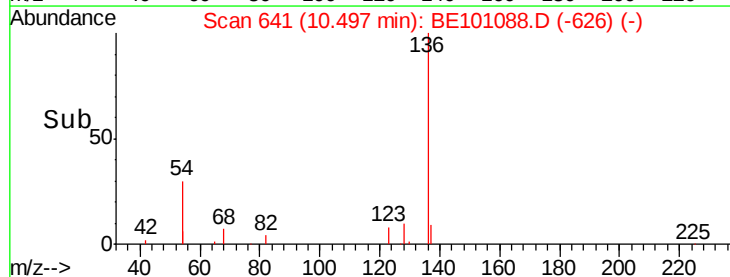
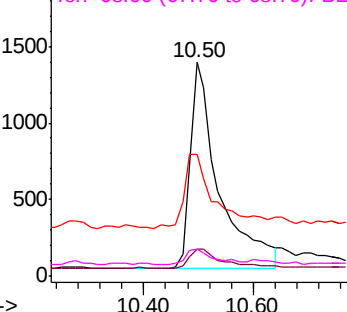


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.291 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.02 min

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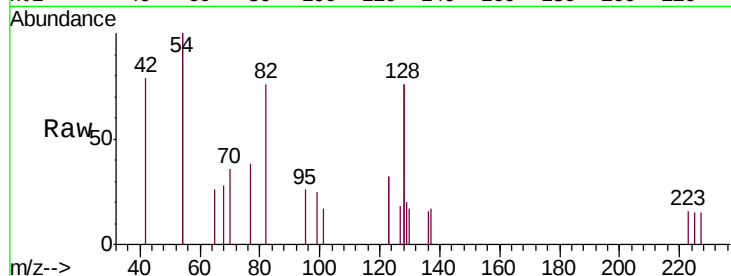
Tgt Ion: 82 Resp: 1023

Ion Ratio Lower Upper

82 100

128 200.8 109.8 164.6#

54 264.2 174.5 261.7#

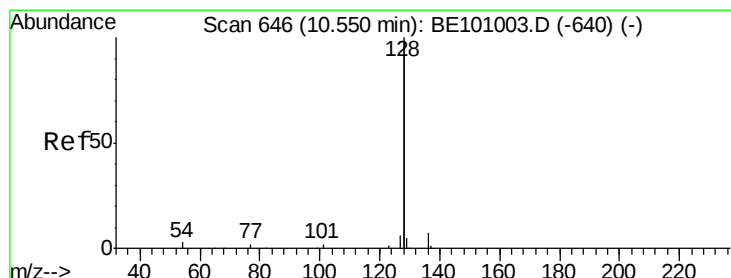
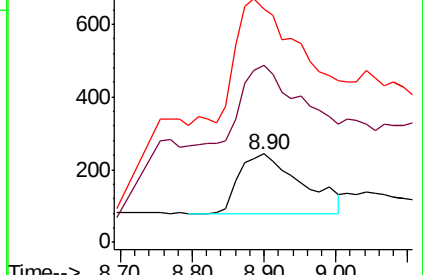
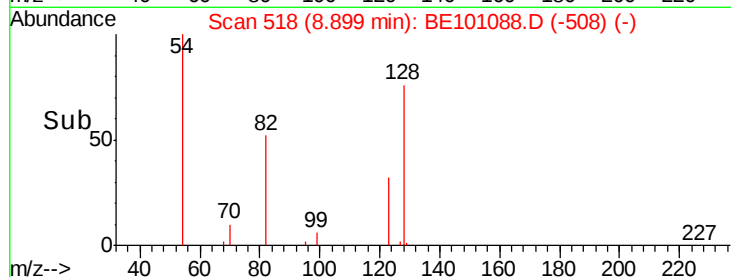


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Time-->



#9

Naphthalene

Concen: 0.023 ng

RT: 10.55 min Scan# 645

Delta R.T. -0.00 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

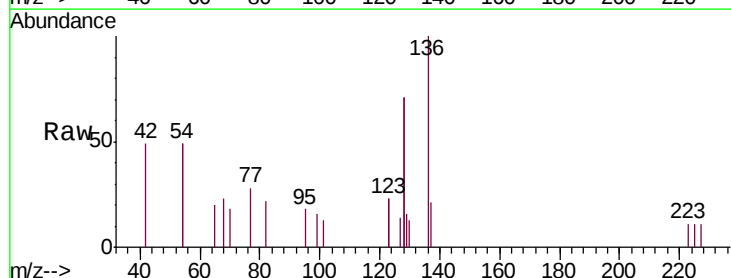
Tgt Ion: 128 Resp: 1283

Ion Ratio Lower Upper

128 100

129 11.1 2.3 3.5#

127 9.8 2.7 4.1#

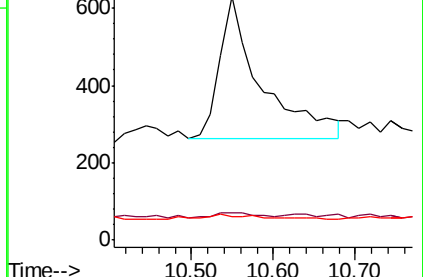
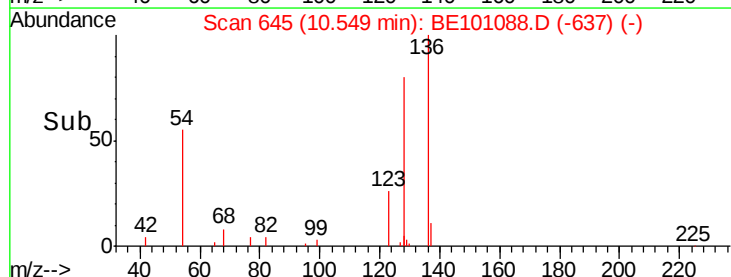


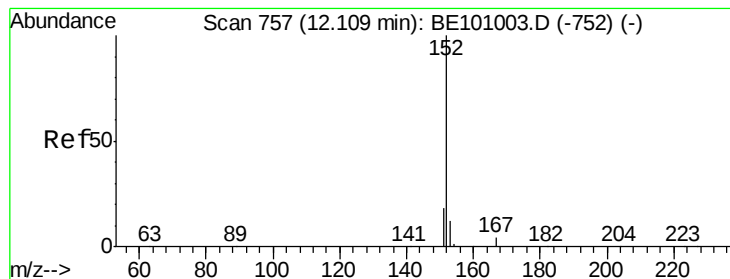
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

Time-->





#11

2-Methylnaphthalene-d10

Concen: 0.306 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.00 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

Instrument :

BNA_E

ClientSampleId :

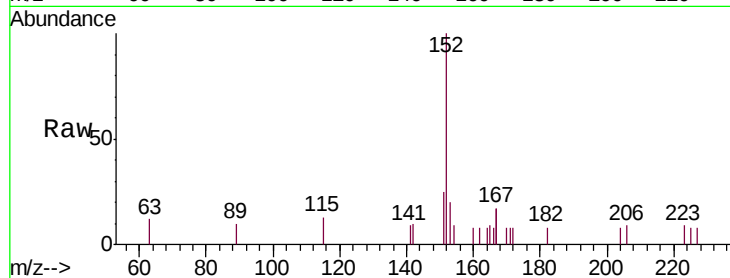
PB126161BL

Tgt Ion:152 Resp: 2875

Ion Ratio Lower Upper

152 100

151 19.7 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.11

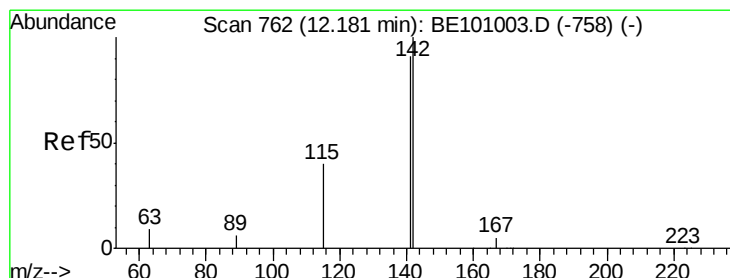
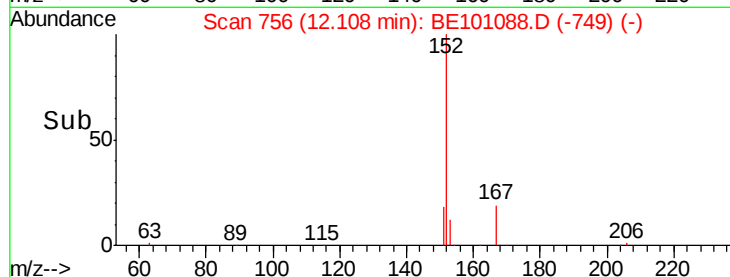
600

400

200

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.030 ng

RT: 12.18 min Scan# 761

Delta R.T. -0.00 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

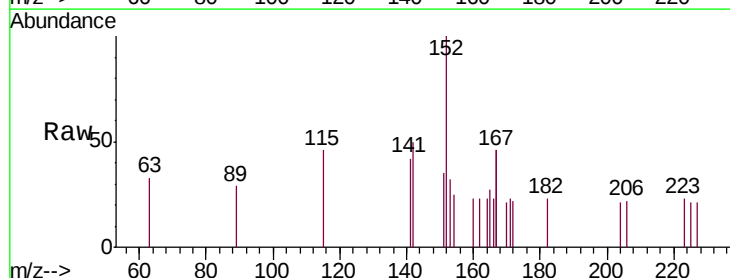
Tgt Ion:142 Resp: 246

Ion Ratio Lower Upper

142 100

141 84.8 72.5 108.7

115 92.0 33.0 49.6#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

12.18

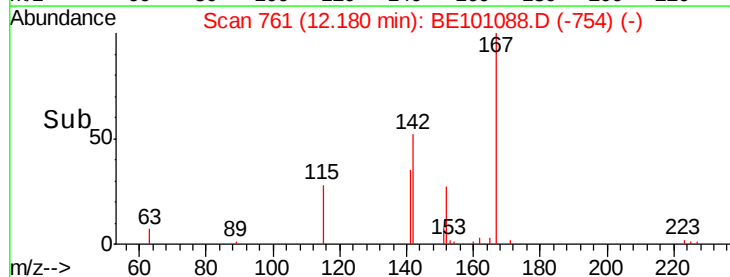
150

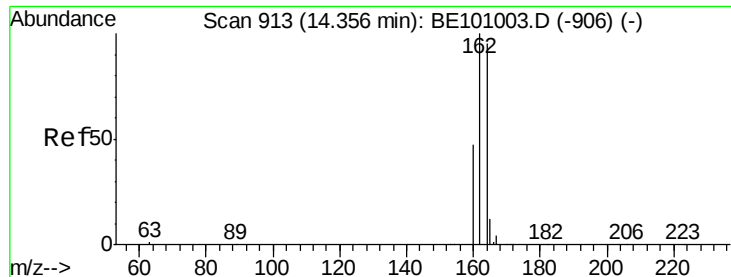
100

50

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

Instrument :

BNA_E

ClientSampleId :

PB126161BL

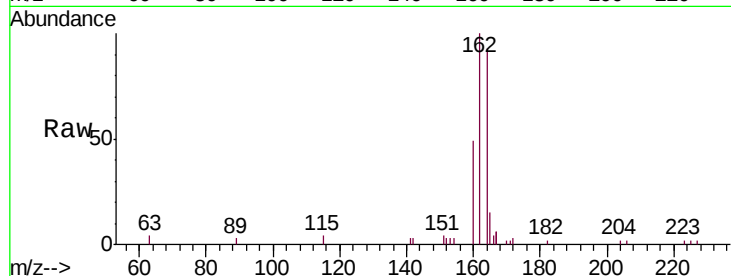
Tgt Ion:164 Resp: 3954

Ion Ratio Lower Upper

164 100

162 107.9 84.1 126.1

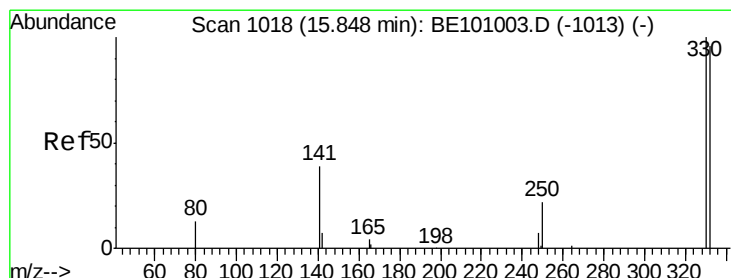
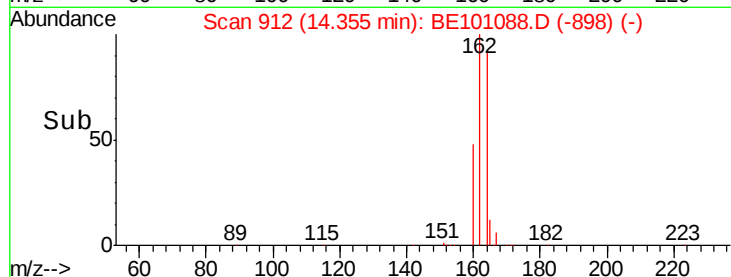
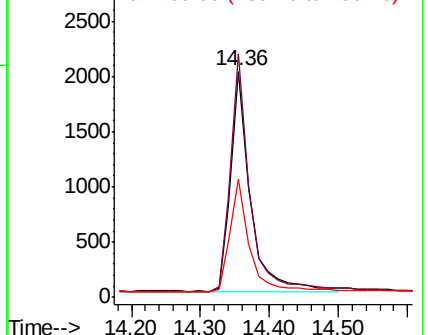
160 52.5 40.4 60.6



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: 0.282 ng

RT: 15.85 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

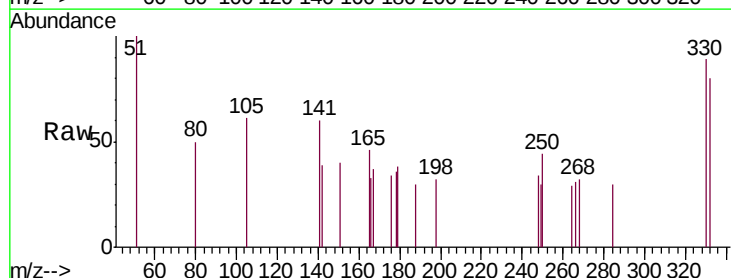
Tgt Ion:330 Resp: 315

Ion Ratio Lower Upper

330 100

332 98.7 78.4 117.6

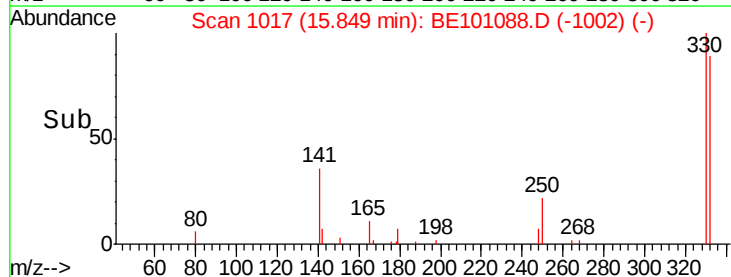
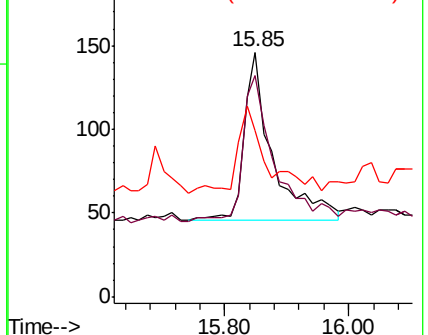
141 49.8 37.0 55.4

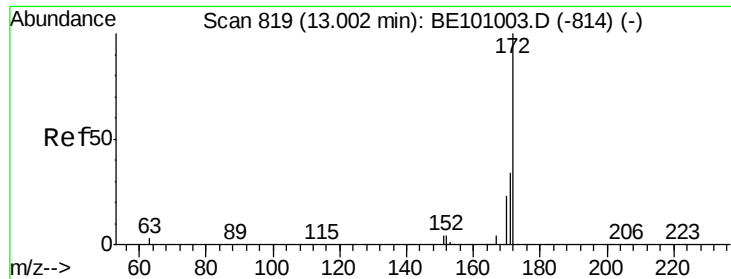


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

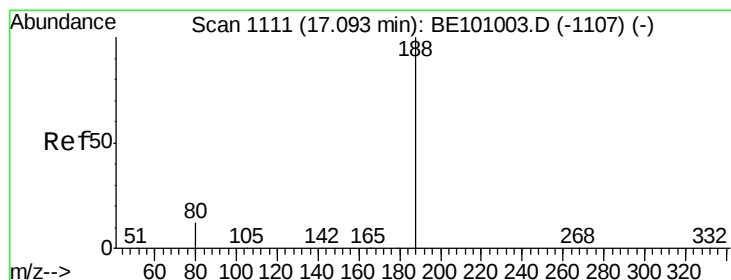
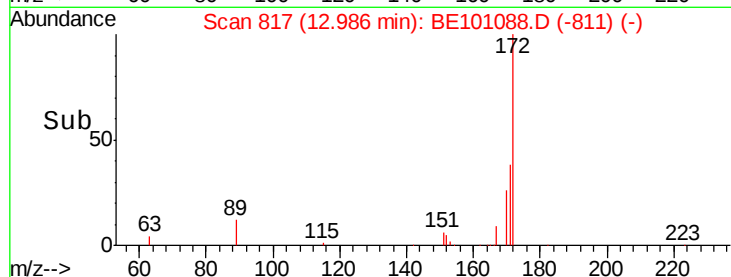
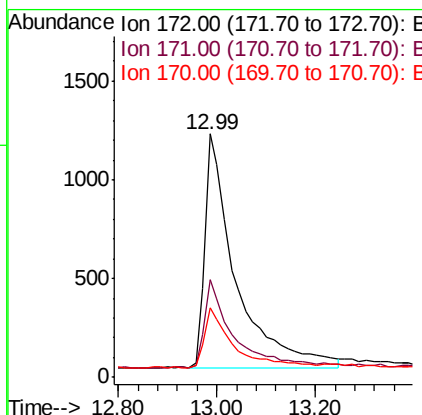
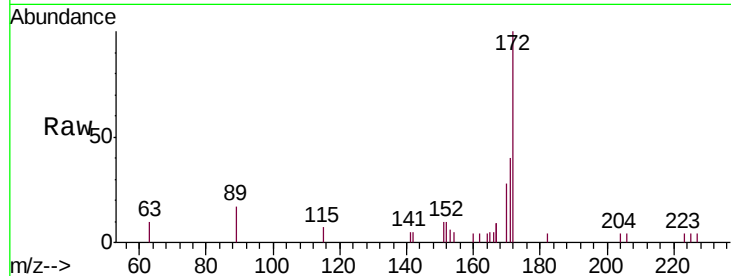




#15
2-Fluorobiphenyl
Concen: 0.340 ng
RT: 12.99 min Scan# 817
Delta R.T. -0.02 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

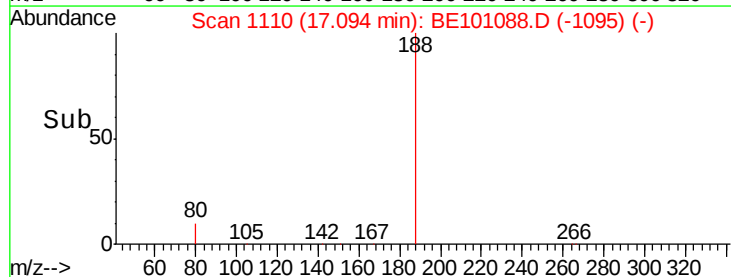
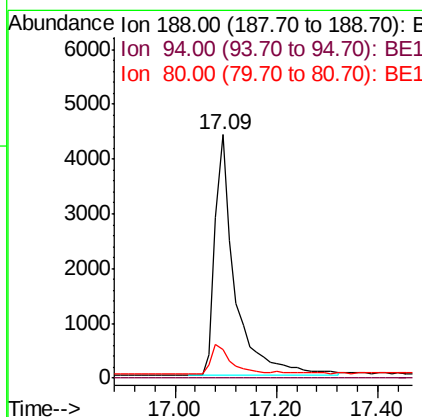
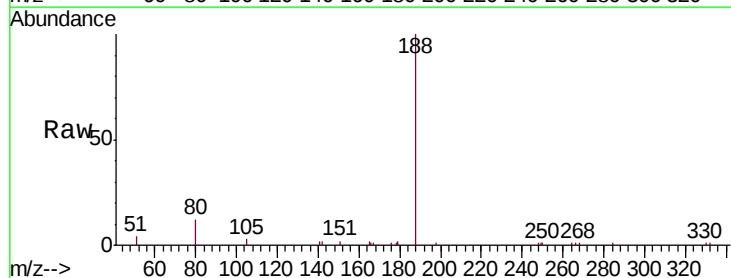
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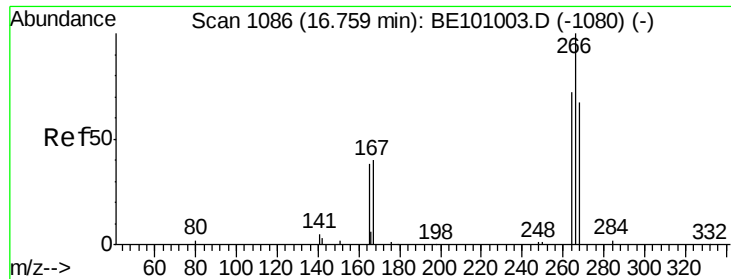
Tgt Ion:172 Resp: 5104
Ion Ratio Lower Upper
172 100
171 40.1 28.2 42.2
170 28.5 18.9 28.3#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BE101088.D
Acq: 17 Jan 2020 17:06

Tgt Ion:188 Resp: 12080
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.7 10.8 16.2

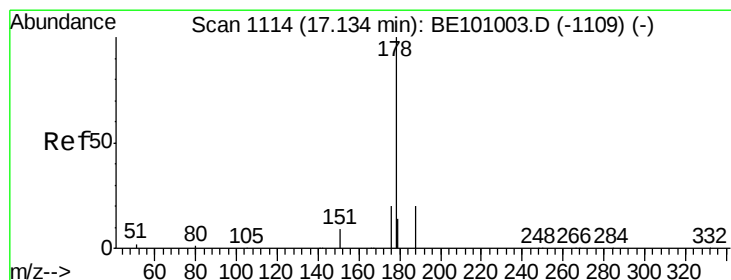
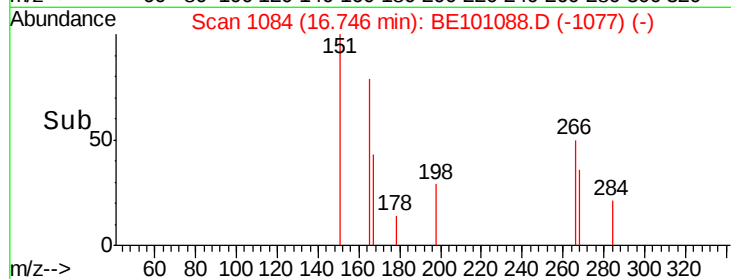
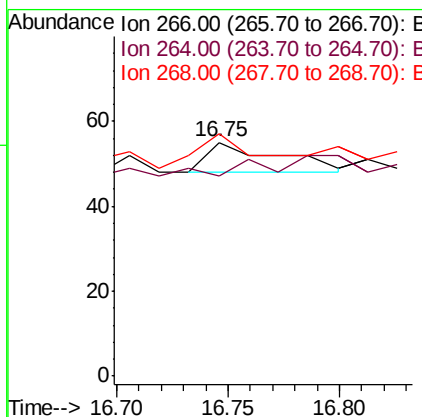
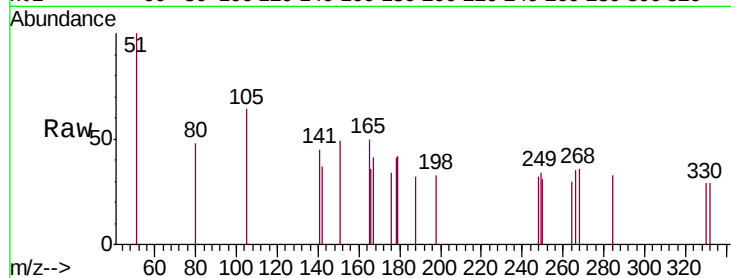




#22
 Pentachlorophenol
 Concen: 0.257 ng
 RT: 16.75 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BE101088.D
 Acq: 17 Jan 2020 17:06

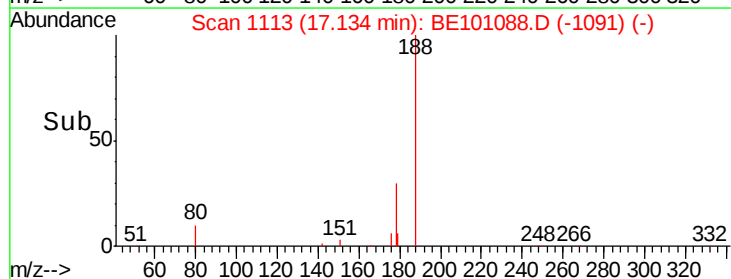
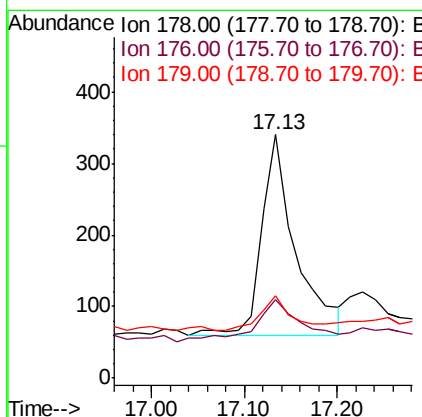
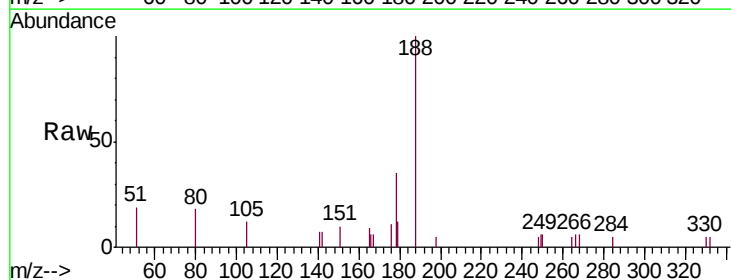
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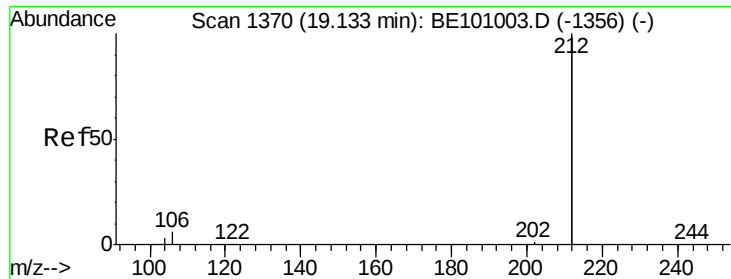
Tgt Ion: 266 Resp: 16
 Ion Ratio Lower Upper
 266 100
 264 85.5 61.0 91.4
 268 103.6 58.5 87.7#



#23
 Phenanthrene
 Concen: 0.022 ng
 RT: 17.13 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: BE101088.D
 Acq: 17 Jan 2020 17:06

Tgt Ion: 178 Resp: 722
 Ion Ratio Lower Upper
 178 100
 176 28.8 15.7 23.5#
 179 15.7 12.0 18.0





#25

Fluoranthene-d10

Concen: 0.453 ng

RT: 19.12 min Scan# 1367

Delta R.T. -0.01 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

Instrument :

BNA_E

ClientSampleId :

PB126161BL

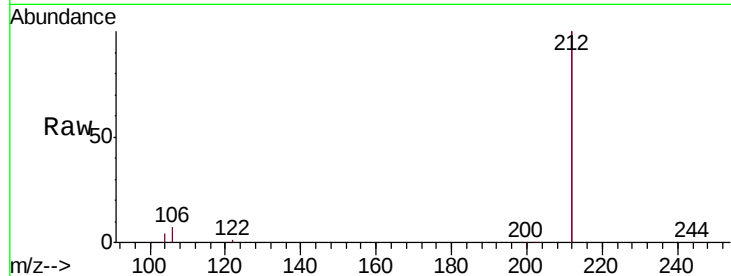
Tgt Ion:212 Resp: 75952

Ion Ratio Lower Upper

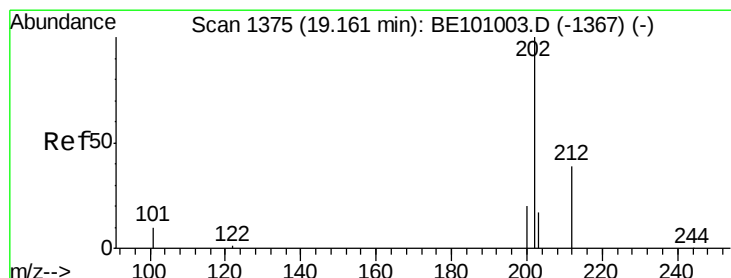
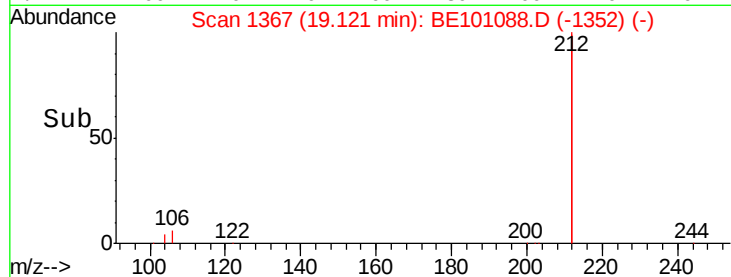
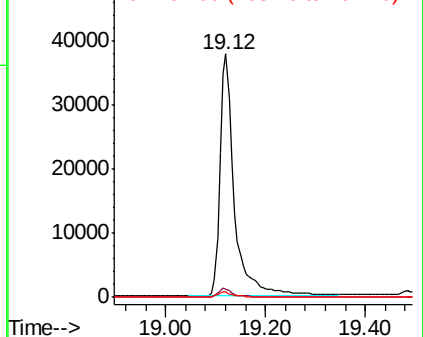
212 100

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



#26

Fluoranthene

Concen: 0.031 ng

RT: 19.15 min Scan# 1372

Delta R.T. -0.01 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

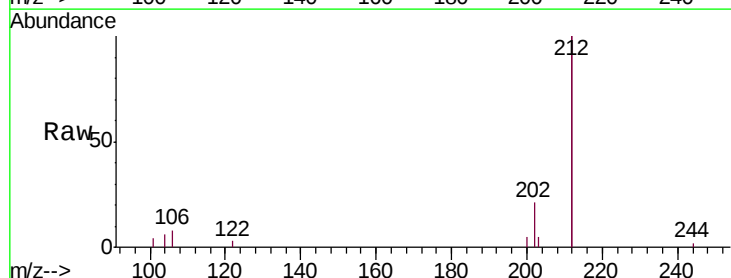
Tgt Ion:202 Resp: 1292

Ion Ratio Lower Upper

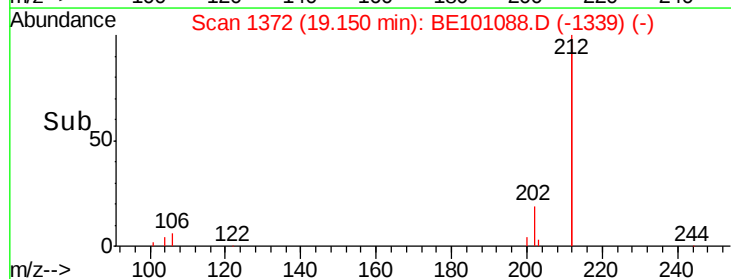
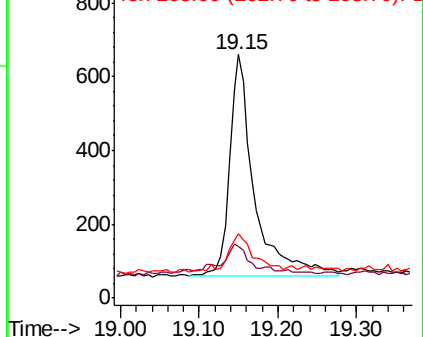
202 100

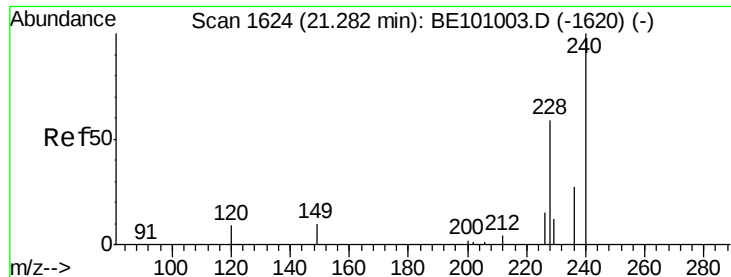
101 8.0 9.6 14.4#

203 18.4 13.8 20.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.27 min Scan# 1622

Delta R.T. -0.01 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

Instrument :

BNA_E

ClientSampleId :

PB126161BL

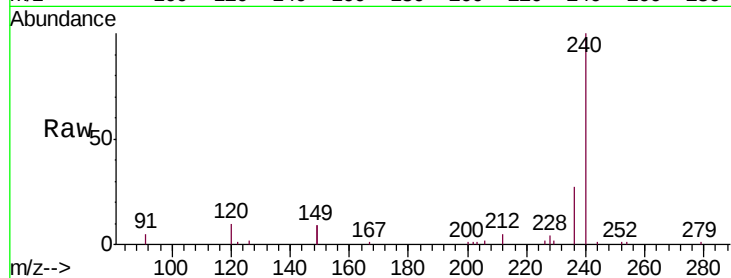
Tgt Ion:240 Resp: 21849

Ion Ratio Lower Upper

240 100

120 10.2 8.6 13.0

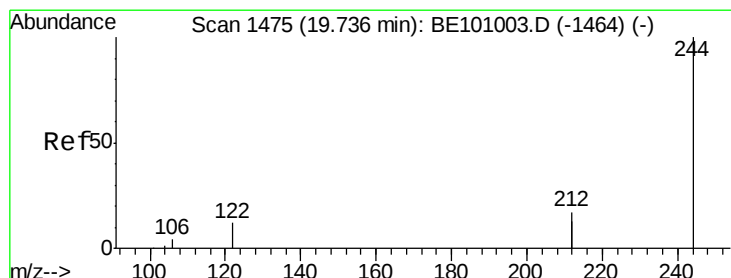
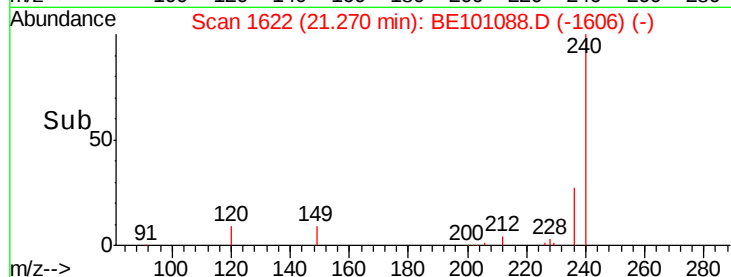
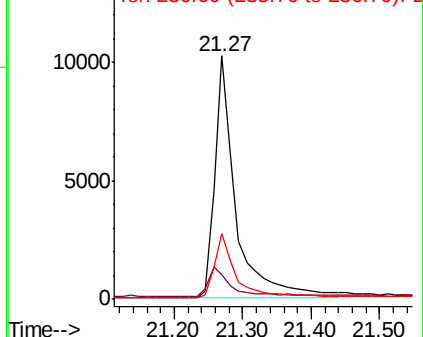
236 27.2 22.2 33.4



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: 0.324 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

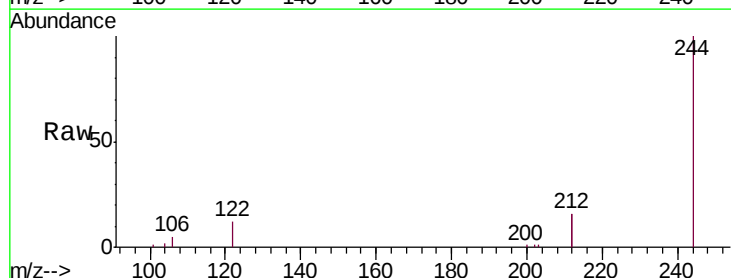
Tgt Ion:244 Resp: 17401

Ion Ratio Lower Upper

244 100

212 32.2 27.2 40.8

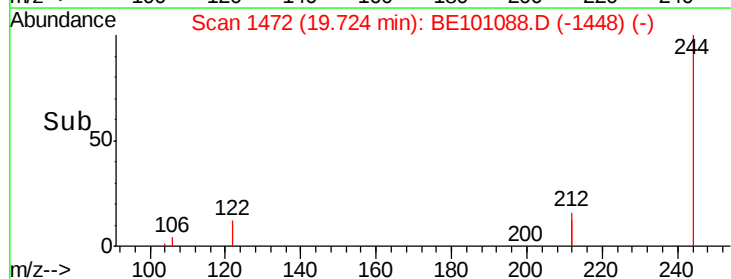
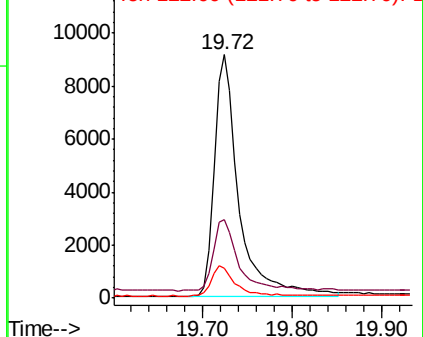
122 12.4 9.8 14.8

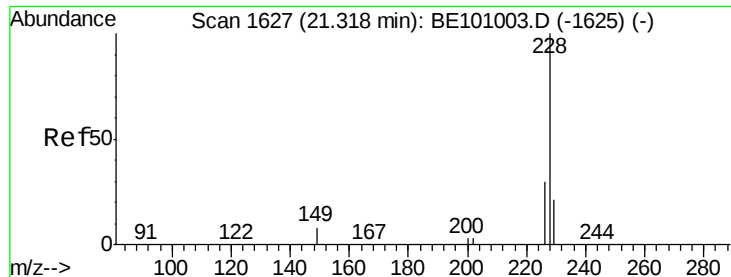


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#31

Chrysene

Concen: 0.024 ng

RT: 21.31 min Scan# 1625

Delta R.T. -0.01 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

Instrument :

BNA_E

ClientSampleId :

PB126161BL

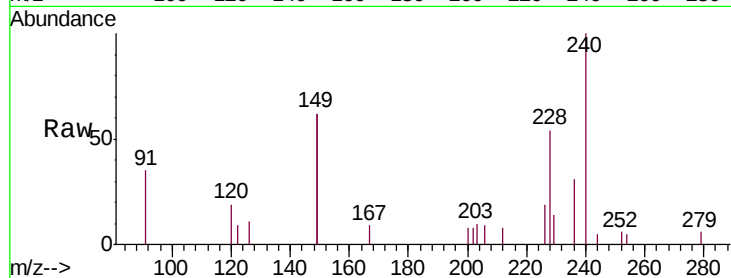
Tgt Ion:228 Resp: 2228

Ion Ratio Lower Upper

228 100

226 35.5 23.5 35.3#

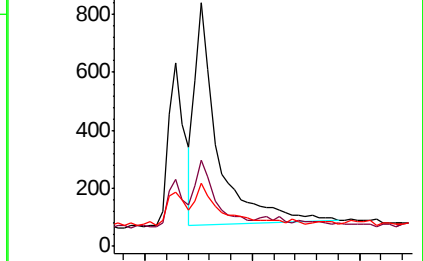
229 26.1 16.7 25.1#



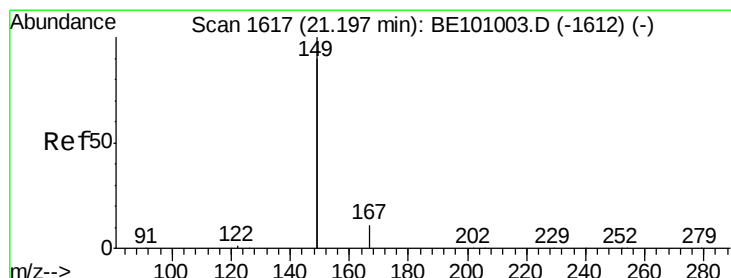
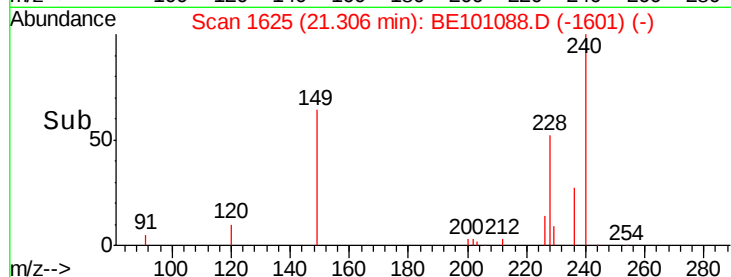
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.086 ng

RT: 21.20 min Scan# 1616

Delta R.T. -0.00 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

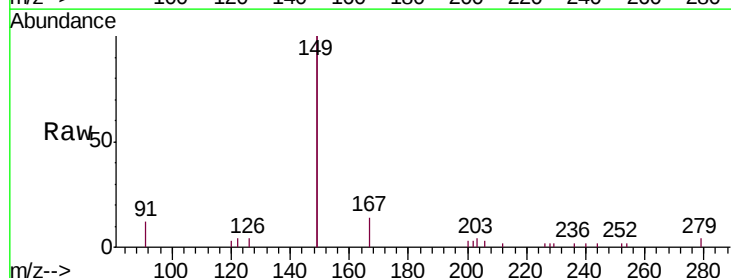
Tgt Ion:149 Resp: 8928

Ion Ratio Lower Upper

149 100

167 6.8 5.2 7.8

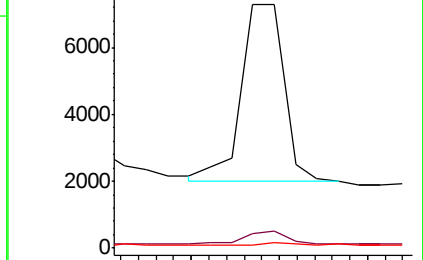
279 0.5 0.8 1.2#



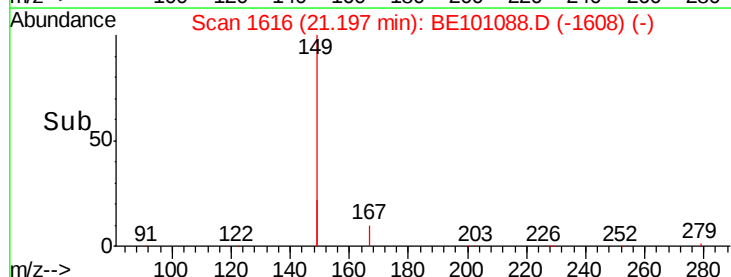
Abundance Ion 149.00 (148.70 to 149.70): E

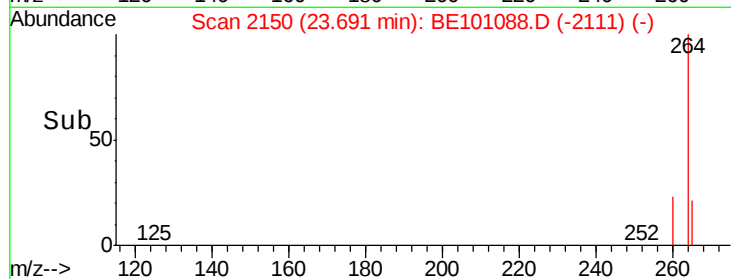
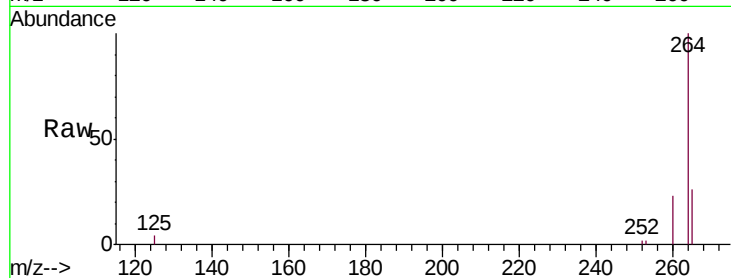
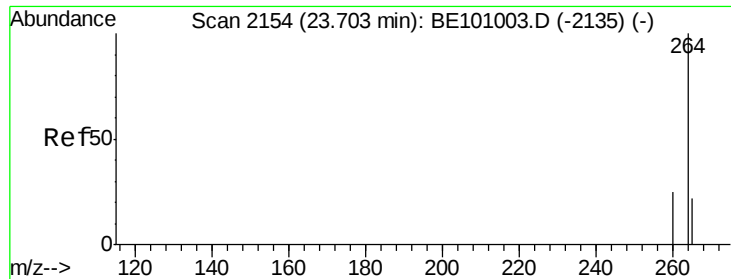
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.69 min Scan# 2150

Delta R.T. -0.01 min

Lab File: BE101088.D

Acq: 17 Jan 2020 17:06

Instrument :

BNA_E

ClientSampleId :

PB126161BL

Tgt Ion:264 Resp: 21587

Ion Ratio Lower Upper

264 100

260 23.2 20.3 30.5

265 26.4 27.0 40.4#

