

Data File : BE101027.D
Acq On : 10 Jan 2020 17:36
Operator : JU
Sample : PB126024BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126024BL

Quant Time: Jan 11 00:52:50 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

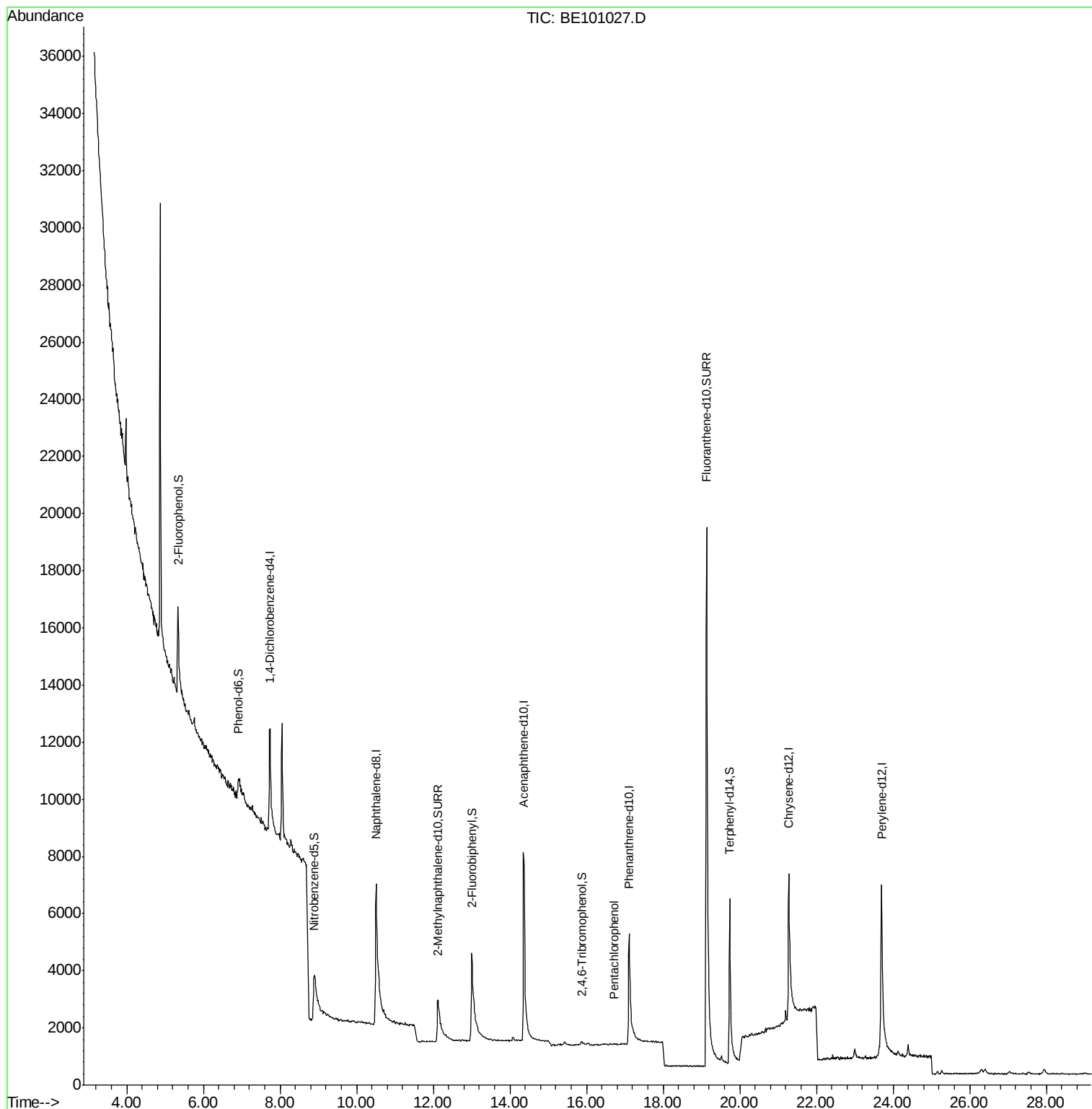
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	3258	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	12789	0.40	ng	0.01
13) Acenaphthene-d10	14.36	164	7199	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	13691	0.40	ng	0.01
27) Chrysene-d12	21.28	240	11928	0.40	ng	0.00
34) Perylene-d12	23.70	264	15220	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	2298	0.31	ng	0.00
5) Phenol-d6	6.92	99	2382	0.26	ng	0.00
8) Nitrobenzene-d5	8.90	82	2260	0.25	ng	0.02
11) 2-Methylnaphthalene-d10	12.11	152	6792	0.28	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	181	0.09	ng	0.03
15) 2-Fluorobiphenyl	13.00	172	9325	0.34	ng	0.00
25) Fluoranthene-d10	19.13	212	53660	0.28	ng	0.00
29) Terphenyl-d14	19.74	244	9748	0.33	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.72	266	27	0.260	ng	Qvalue # 79

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

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#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 7.74 min Scan# 423

Delta R.T. 0.00 min

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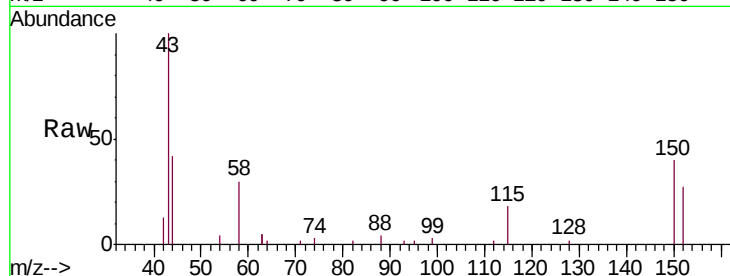
Tgt Ion:152 Resp: 3258

Ion Ratio Lower Upper

152 100

150 148.6 120.3 180.5

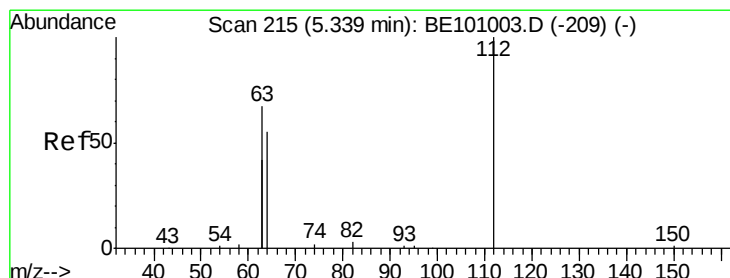
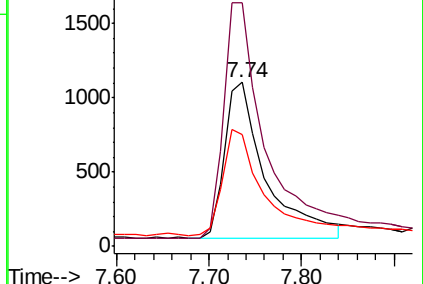
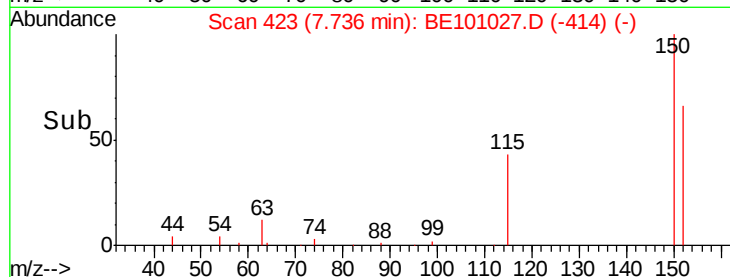
115 68.4 51.7 77.5



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: 0.313 ng

RT: 5.34 min Scan# 215

Delta R.T. 0.00 min

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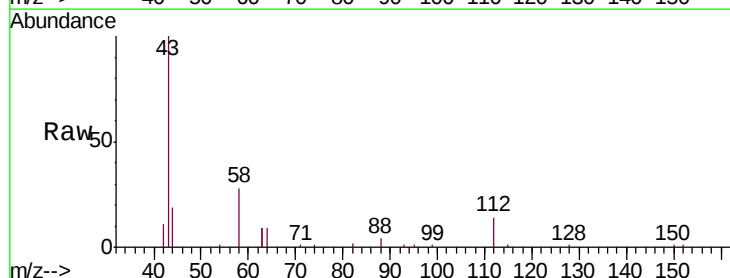
Tgt Ion:112 Resp: 2298

Ion Ratio Lower Upper

112 100

64 68.1 53.6 80.4

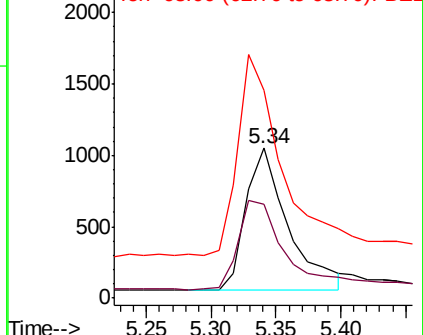
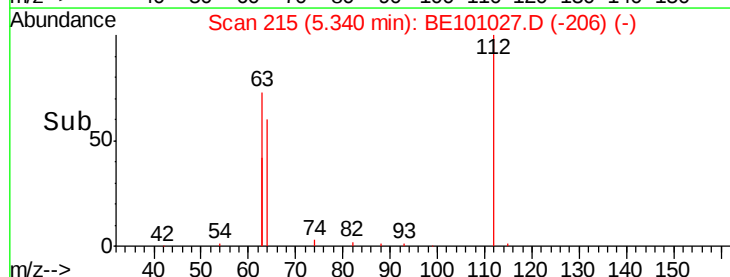
63 144.6 114.6 172.0

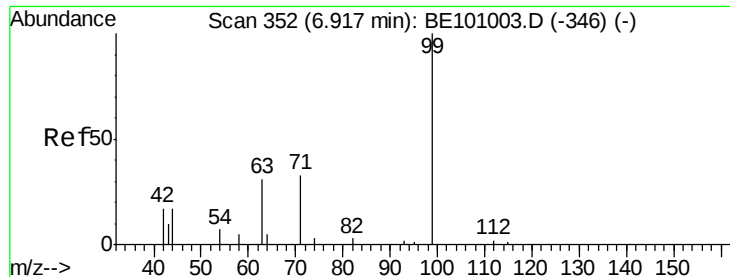


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.257 ng

RT: 6.92 min Scan# 352

Delta R.T. 0.00 min

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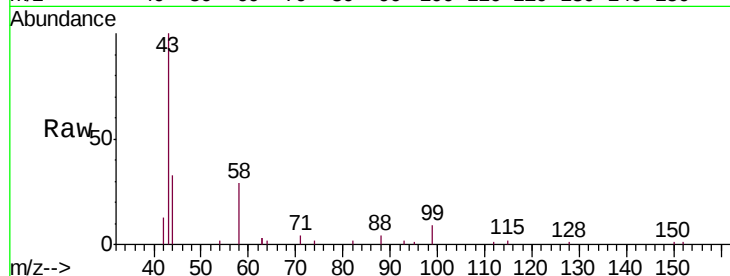
Tgt Ion: 99 Resp: 2382

Ion Ratio Lower Upper

99 100

42 15.9 18.3 27.5#

71 30.9 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

800

600

400

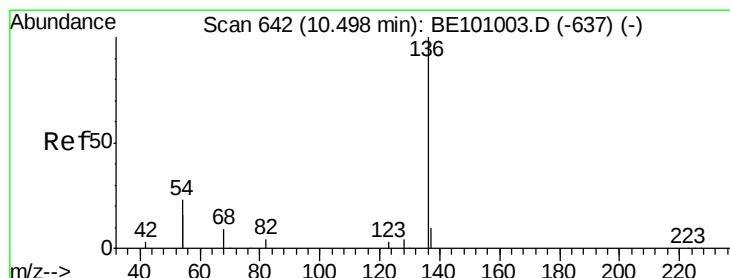
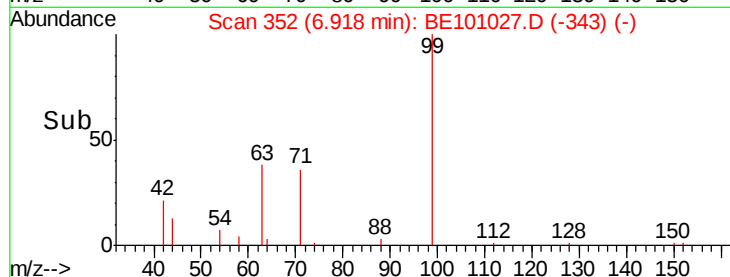
200

0

6.80 6.90 7.00 7.10

6.92

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101027.D

Acq: 10 Jan 2020 17:36

Tgt Ion: 136 Resp: 12789

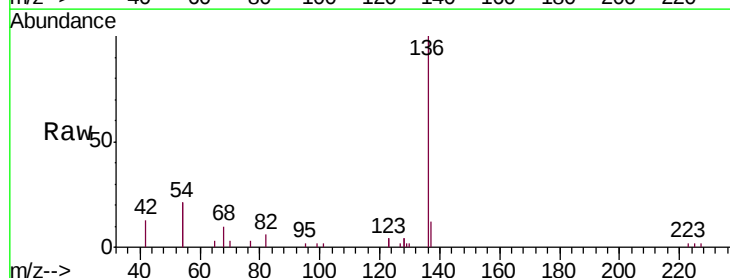
Ion Ratio Lower Upper

136 100

137 12.5 9.3 13.9

54 41.4 36.8 55.2

68 9.9 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

5000

4000

3000

2000

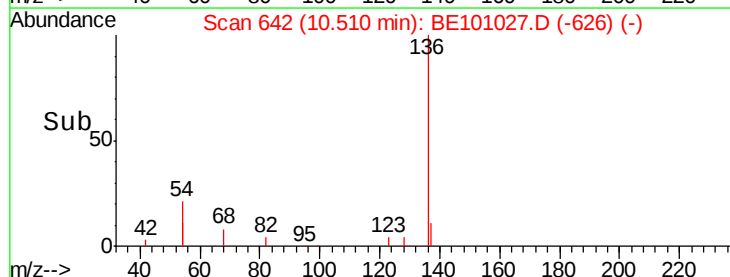
1000

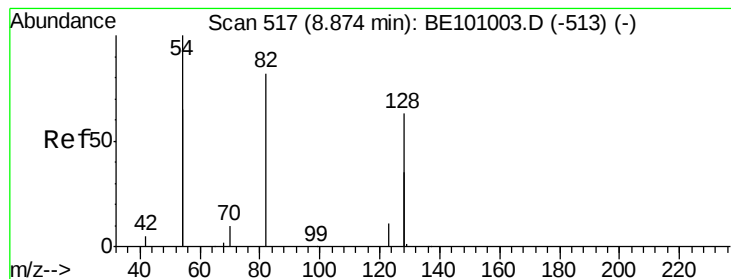
0

10.40 10.50 10.60 10.70

10.51

Time-->





#8

Nitrobenzene-d5

Concen: 0.247 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.02 min

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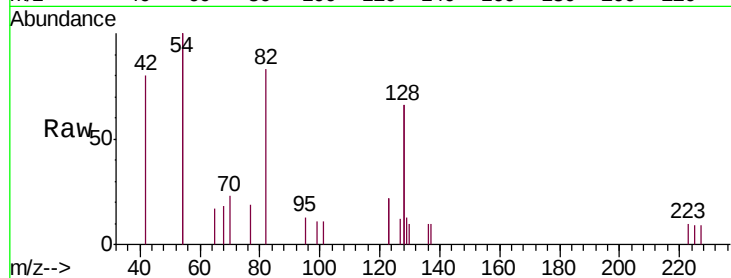
Tgt Ion: 82 Resp: 2260

Ion Ratio Lower Upper

82 100

128 158.6 109.8 164.6

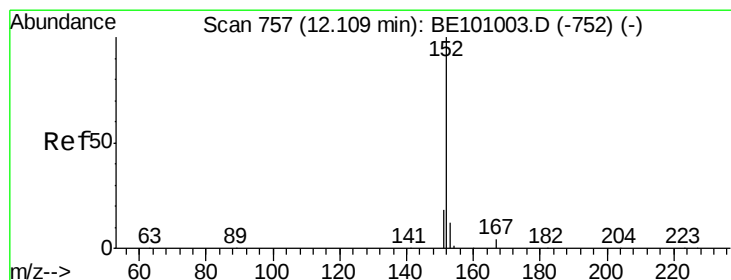
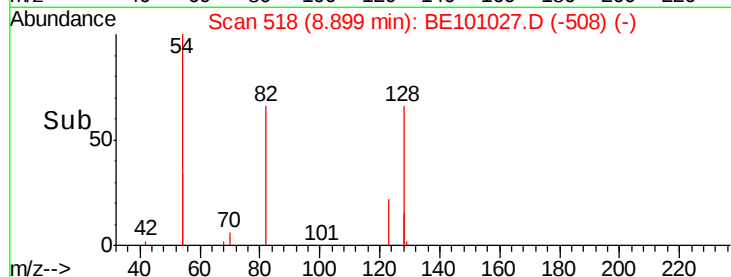
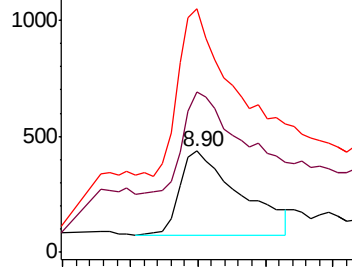
54 241.4 174.5 261.7



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: 0.278 ng

RT: 12.11 min Scan# 756

Delta R.T. -0.00 min

Lab File: BE101027.D

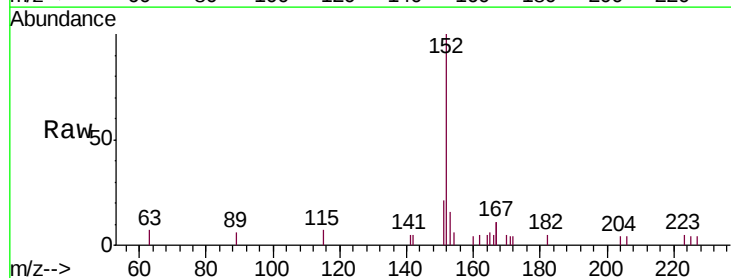
Acq: 10 Jan 2020 17:36

Tgt Ion: 152 Resp: 6792

Ion Ratio Lower Upper

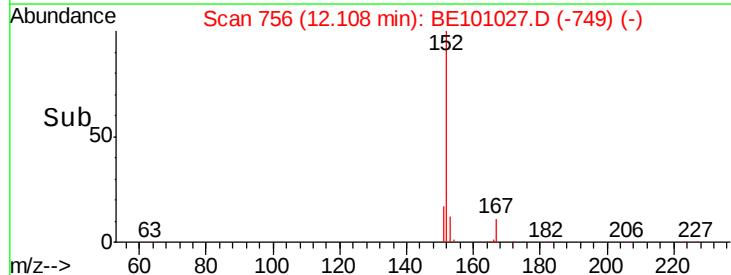
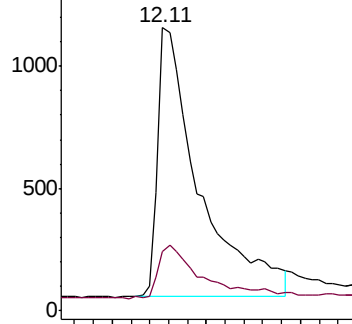
152 100

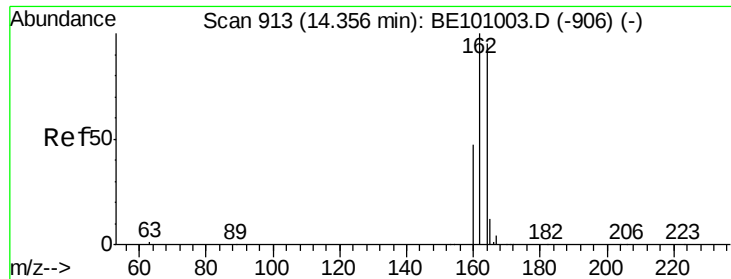
151 18.9 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

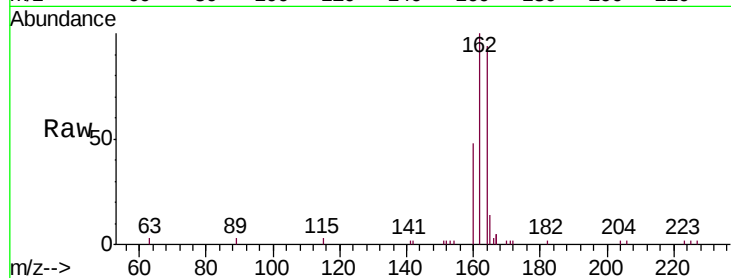




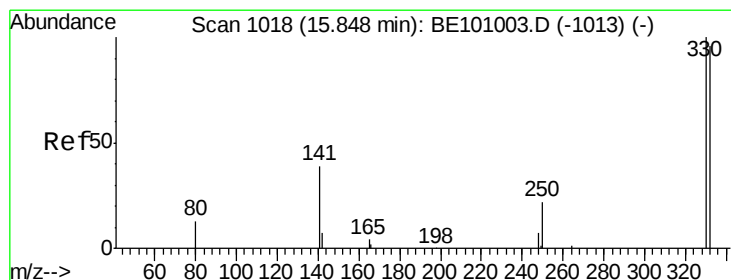
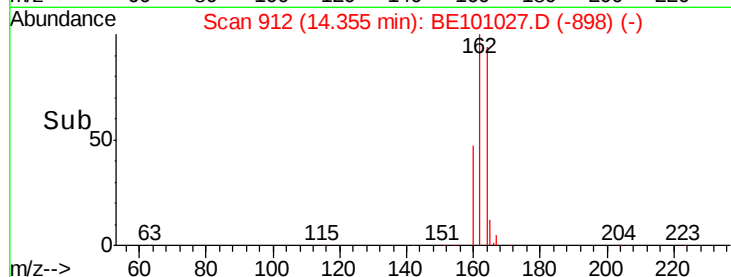
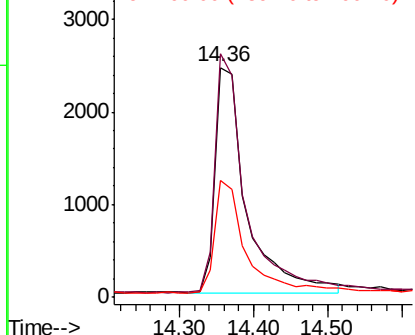
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.36 min Scan# 912
 Delta R.T. -0.00 min
 Lab File: BE101027.D
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Tgt Ion:164 Resp: 7199
 Ion Ratio Lower Upper
 164 100
 162 106.1 84.1 126.1
 160 51.1 40.4 60.6

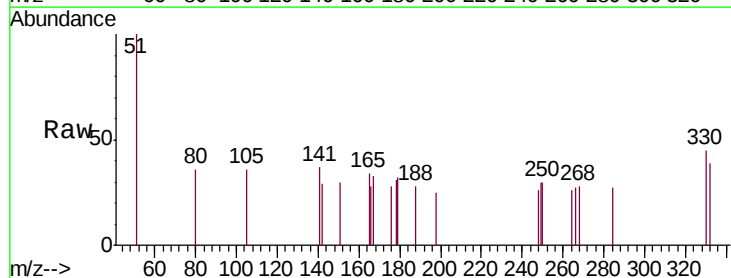


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

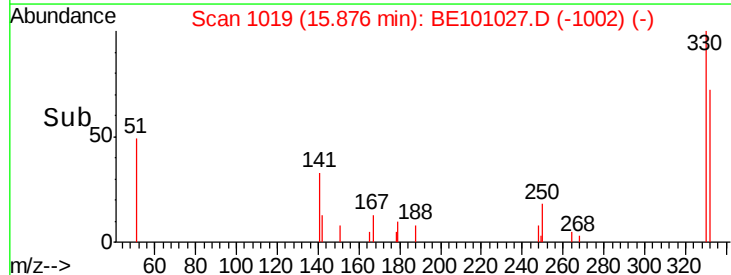
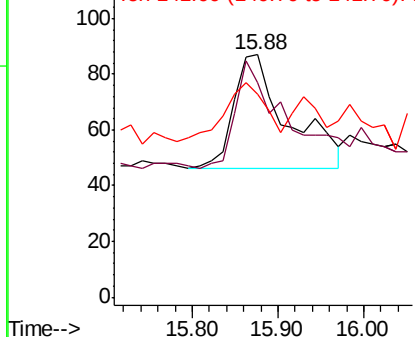


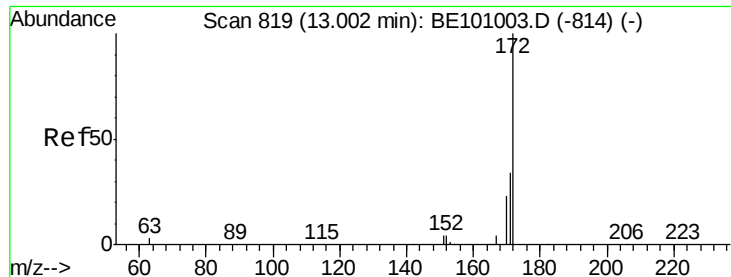
#14
 2,4,6-Tribromophenol
 Concen: 0.089 ng
 RT: 15.88 min Scan# 1019
 Delta R.T. 0.03 min
 Lab File: BE101027.D
 Acq: 10 Jan 2020 17:36

Tgt Ion:330 Resp: 181
 Ion Ratio Lower Upper
 330 100
 332 92.3 78.4 117.6
 141 38.1 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

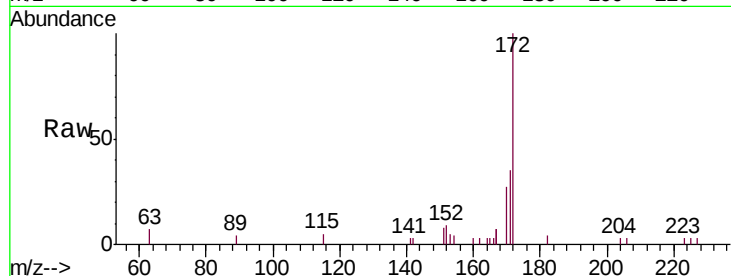




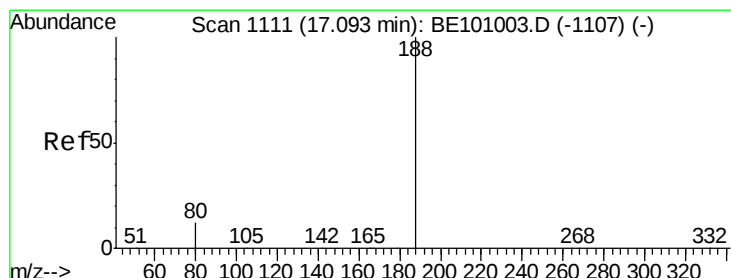
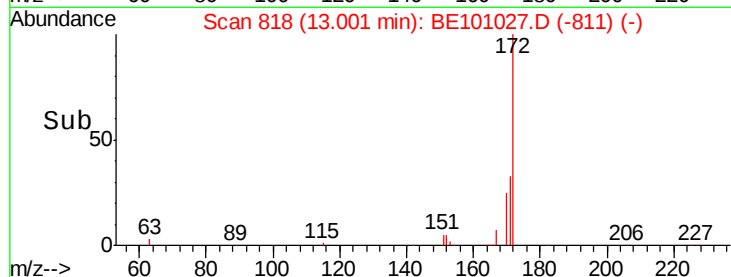
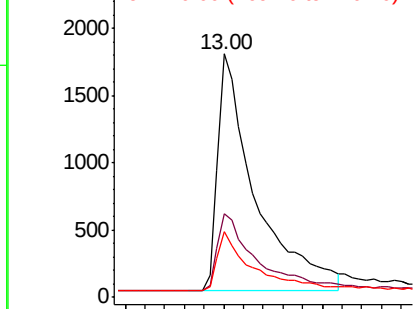
#15
2-Fluorobiphenyl
Concen: 0.341 ng
RT: 13.00 min Scan# 818
Delta R.T. -0.00 min
Lab File: BE101027.D
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Tgt Ion:172 Resp: 9325
Ion Ratio Lower Upper
172 100
171 34.5 28.2 42.2
170 27.2 18.9 28.3

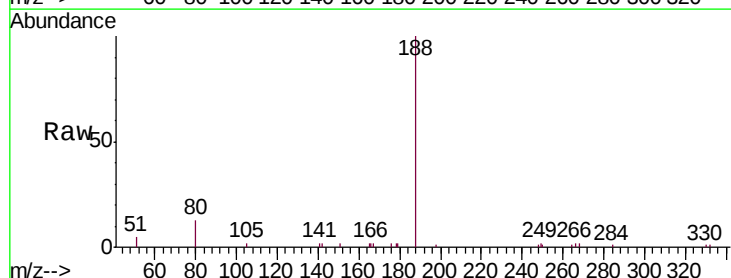


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

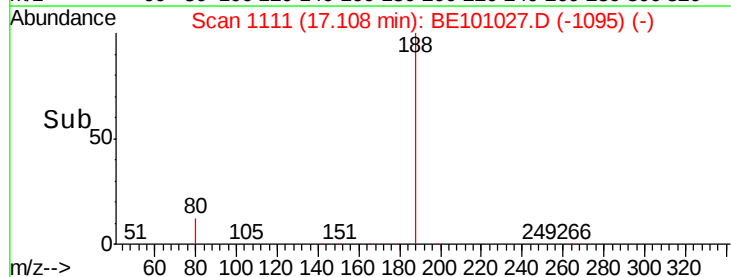
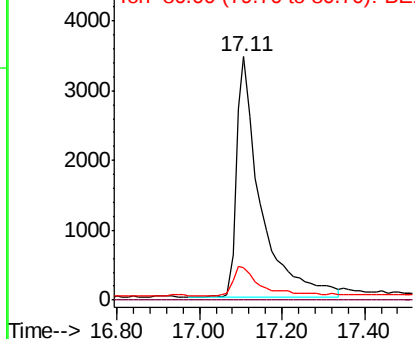


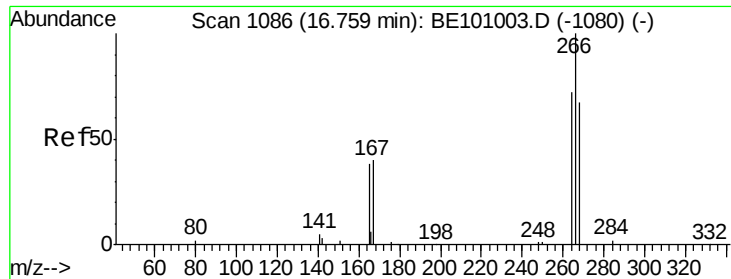
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101027.D
Acq: 10 Jan 2020 17:36

Tgt Ion:188 Resp: 13691
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 13.3 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: 0.260 ng

RT: 16.72 min Scan# 1082

Delta R.T. -0.04 min

Lab File: BE101027.D

Acq: 10 Jan 2020 17:36

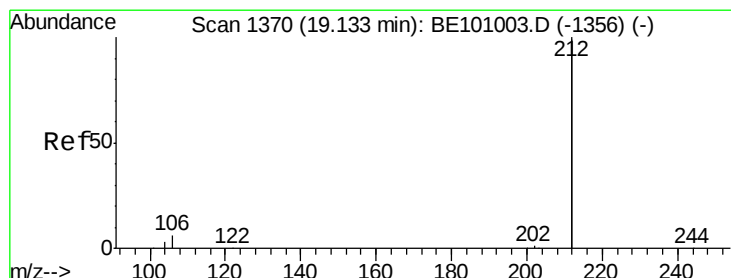
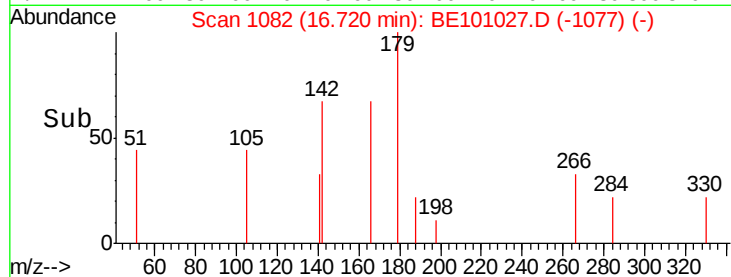
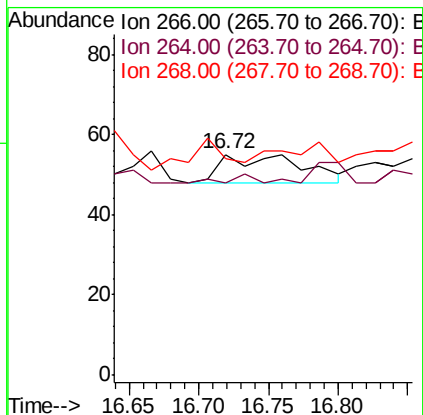
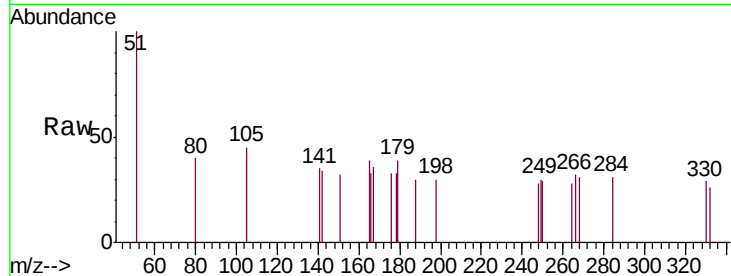
Instrument :

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Tgt Ion:	266	Resp:	27
Ion	Ratio	Lower	Upper
266	100		
264	87.3	61.0	91.4
268	98.2	58.5	87.7#



#25

Fluoranthene-d10

Concen: 0.282 ng

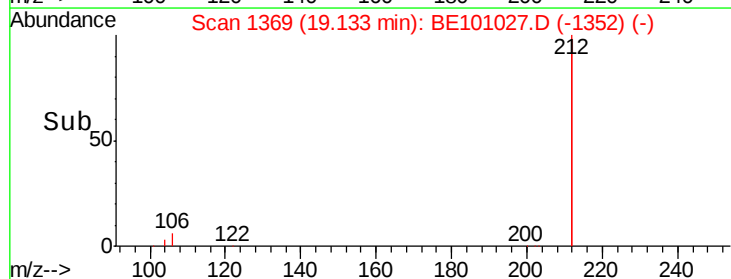
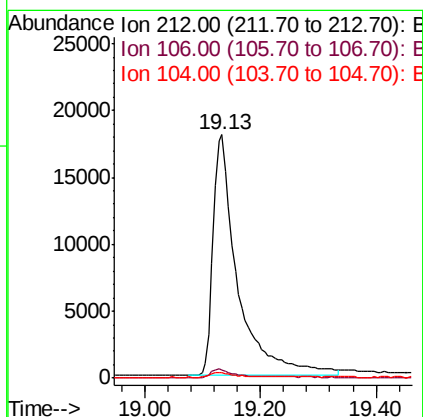
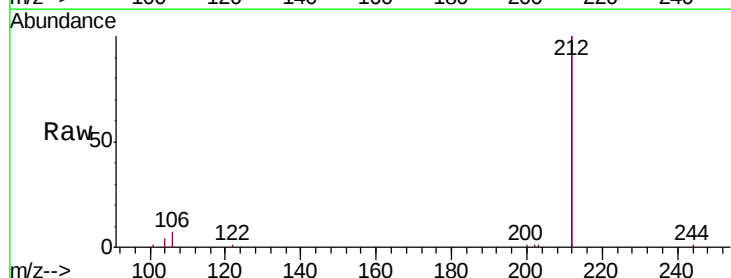
RT: 19.13 min Scan# 1369

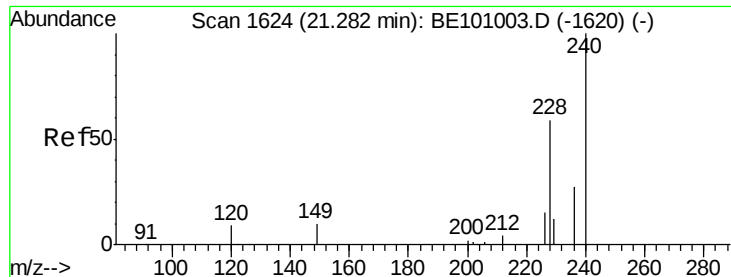
Delta R.T. 0.00 min

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Tgt Ion:	212	Resp:	53660
Ion	Ratio	Lower	Upper
212	100		
106	3.3	2.6	3.8
104	1.8	1.4	2.0





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.28 min Scan# 1623

Delta R.T. -0.00 min

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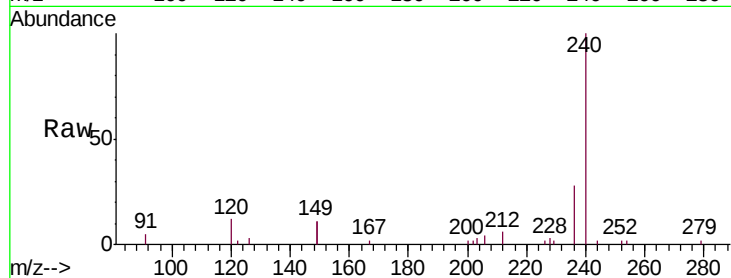
Tgt Ion:240 Resp: 11928

Ion Ratio Lower Upper

240 100

120 11.9 8.6 13.0

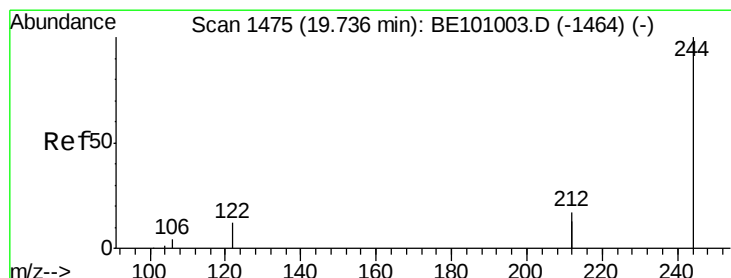
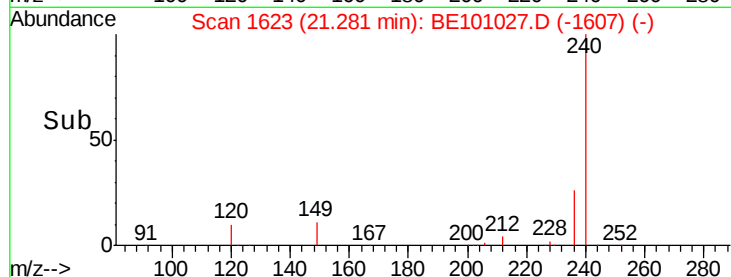
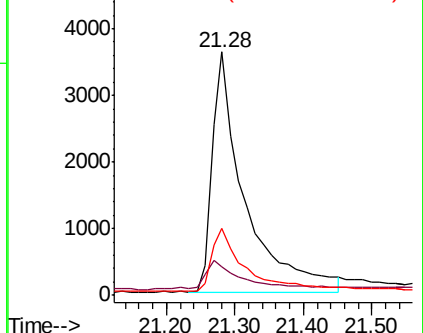
236 27.5 22.2 33.4



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: 0.333 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101027.D

Acq: 10 Jan 2020 17:36

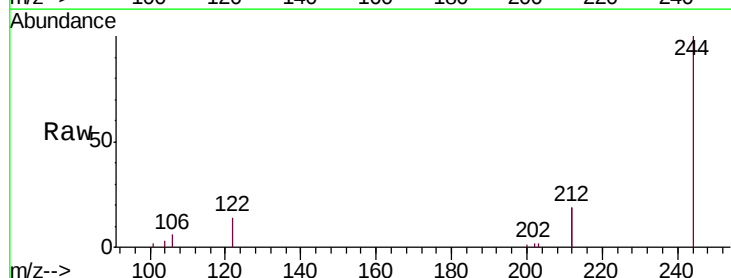
Tgt Ion:244 Resp: 9748

Ion Ratio Lower Upper

244 100

212 37.1 27.2 40.8

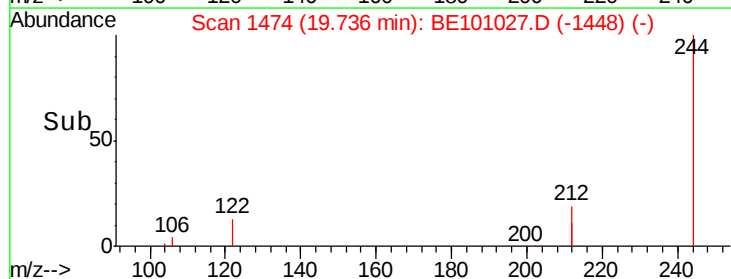
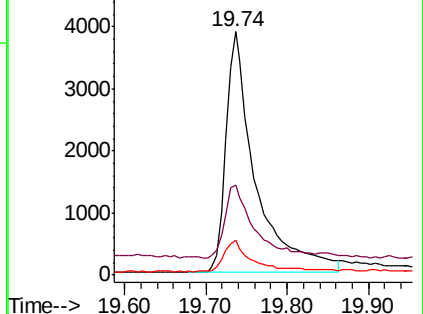
122 14.2 9.8 14.8

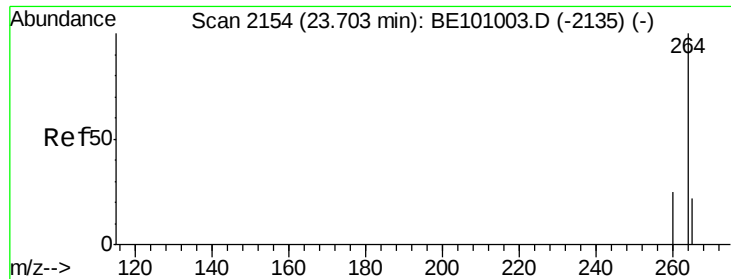


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Perylene-d12

Concen: 0.400 ng

RT: 23.70 min Scan# 2152

Delta R.T. -0.00 min

Lab File: BE101027.D

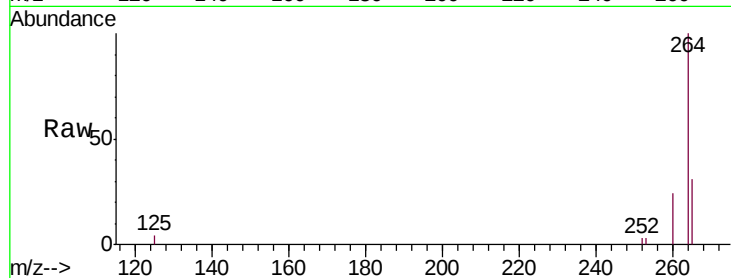
Acq: 10 Jan 2020 17:36

Instrument :

BNA_E

ClientSampleId :

PB126024BL



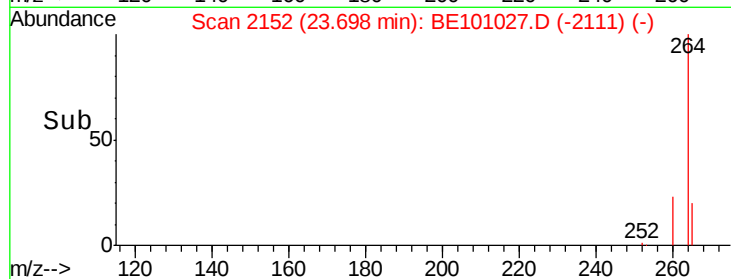
Tgt Ion:264 Resp: 15220

Ion Ratio Lower Upper

264 100

260 24.4 20.3 30.5

265 31.0 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

