

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE020720\
 Data File : BE101138.D
 Acq On : 7 Feb 2020 15:13
 Operator : CG/JU
 Sample : PB126655BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB126655BL

Quant Time: Feb 07 15:49:34 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

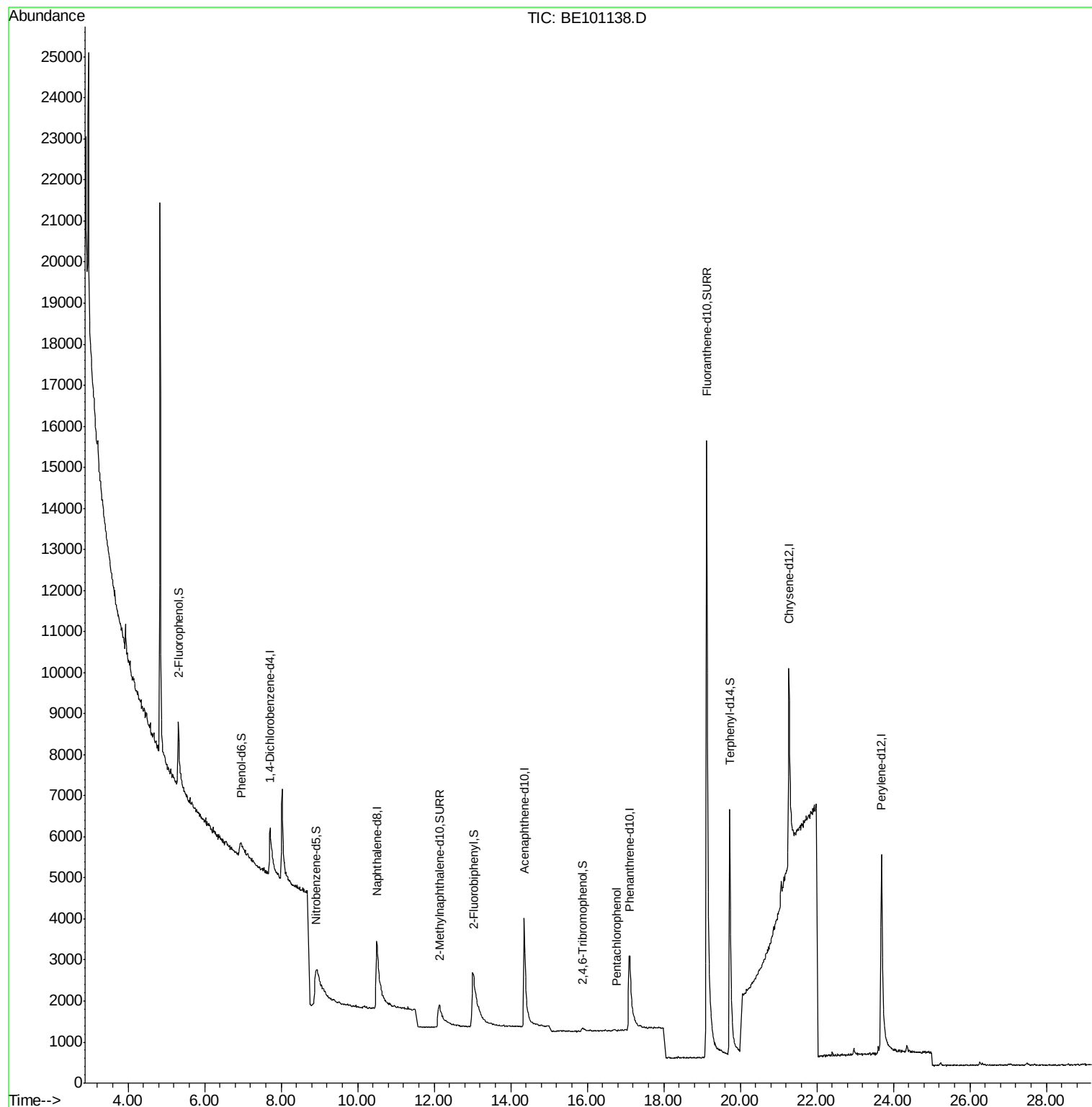
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	1486	0.40	ng	-0.02
7) Naphthalene-d8	10.50	136	5504	0.40	ng	0.00
13) Acenaphthene-d10	14.36	164	3644	0.40	ng	0.00
19) Phenanthrene-d10	17.11	188	8701	0.40	ng	0.01
27) Chrysene-d12	21.27	240	10499	0.40	ng	-0.01
34) Perylene-d12	23.69	264	12476	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.32	112	1340	0.40	ng	-0.02
5) Phenol-d6	6.96	99	1069	0.25	ng	0.04
8) Nitrobenzene-d5	8.93	82	1524	0.39	ng	0.05
11) 2-Methylnaphthalene-d10	12.14	152	3570	0.34	ng	0.03
14) 2,4,6-Tribromophenol	15.88	330	140	0.14	ng	0.03
15) 2-Fluorobiphenyl	13.03	172	6708	0.48	ng	0.03
25) Fluoranthene-d10	19.12	212	45938	0.38	ng	-0.01
29) Terphenyl-d14	19.72	244	11645	0.45	ng	-0.01
Target Compounds						
22) Pentachlorophenol	16.77	266	5	0.253	ng	Qvalue # 68

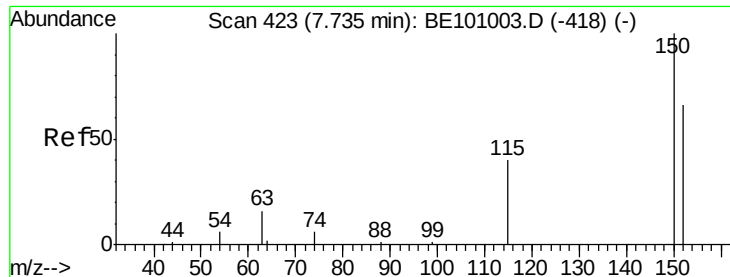
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

Lab File: BE101138.D

Acq: 7 Feb 2020 15:13

Instrument :

BNA_E

ClientSampleId :

PB126655BL

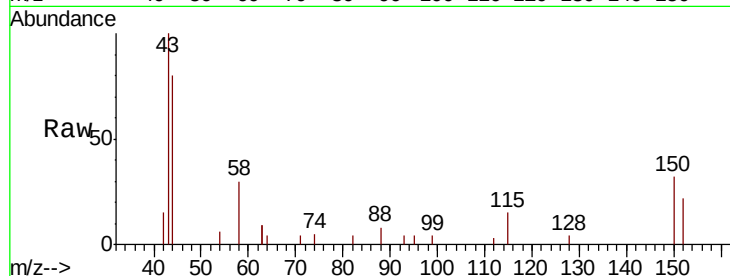
Tot Ion:152 Resp: 1486

Ion Ratio Lower Upper

152 100

150 144.2 120.3 180.5

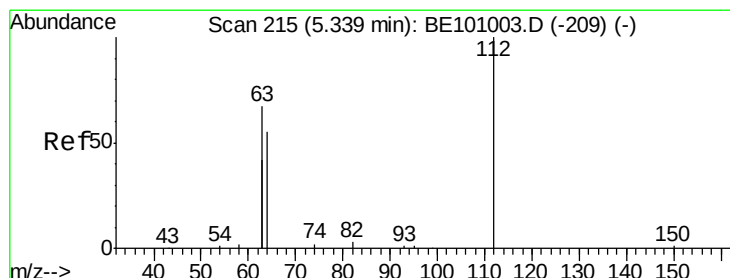
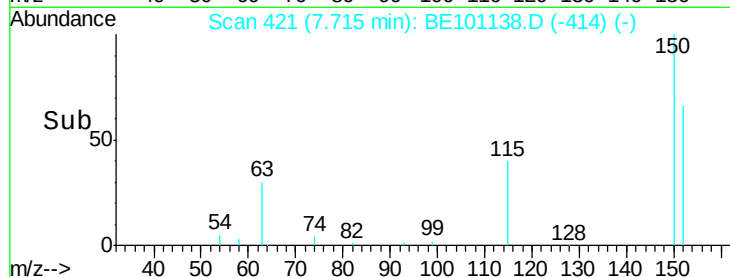
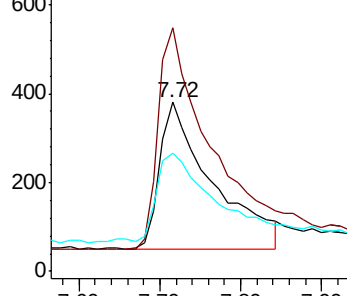
115 70.3 51.7 77.5



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: 0.401 ng

RT: 5.32 min Scan# 213

Delta R.T. -0.02 min

Lab File: BE101138.D

Acq: 7 Feb 2020 15:13

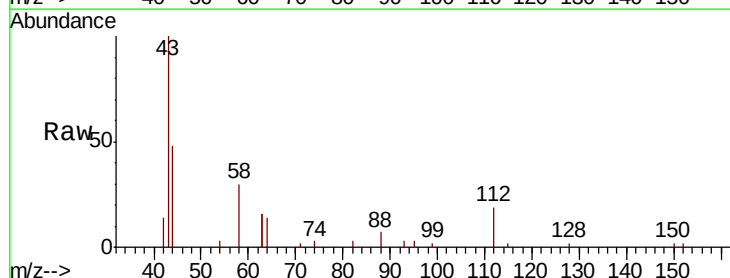
Tgt Ion:112 Resp: 1340

Ion Ratio Lower Upper

112 100

64 66.6 53.6 80.4

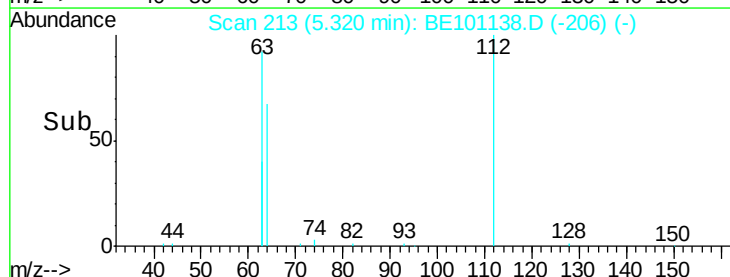
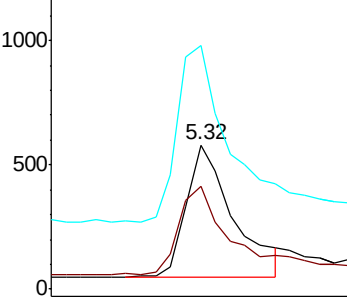
63 146.0 114.6 172.0

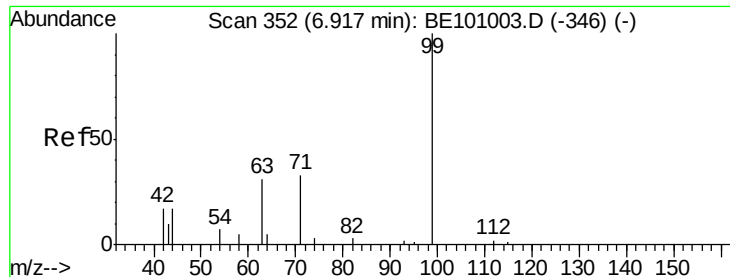


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE1

Ion 63.00 (62.70 to 63.70): BE1





#5

Phenol-d6

Concen: 0.253 ng

RT: 6.96 min Scan# 355

Delta R.T. 0.04 min

Lab File: BE101138.D

Acq: 7 Feb 2020 15:13

Instrument :

BNA_E

ClientSampleId :

PB126655BL

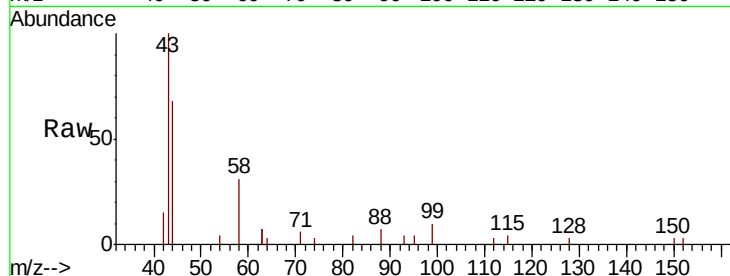
Tot Ion: 99 Resp: 1069

Ion Ratio Lower Upper

99 100

42 3.6 18.3 27.5#

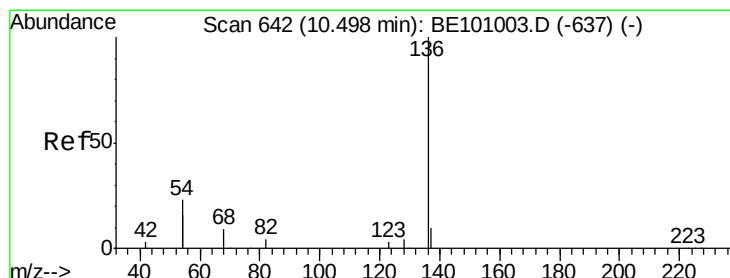
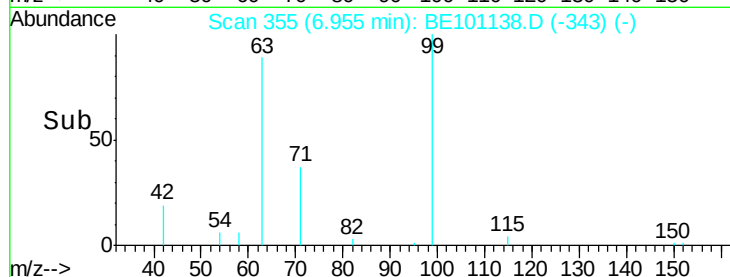
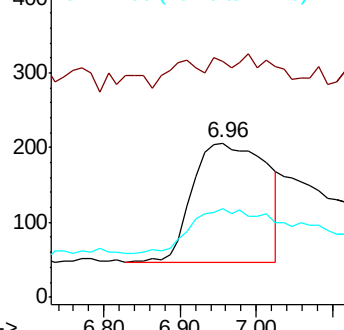
71 37.5 28.0 42.0



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: BE101138.D

Acq: 7 Feb 2020 15:13

Tgt Ion: 136 Resp: 5504

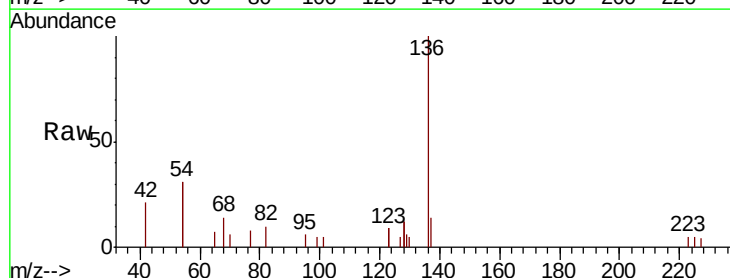
Ion Ratio Lower Upper

136 100

137 14.4 9.3 13.9#

54 61.3 36.8 55.2#

68 14.0 8.4 12.6#

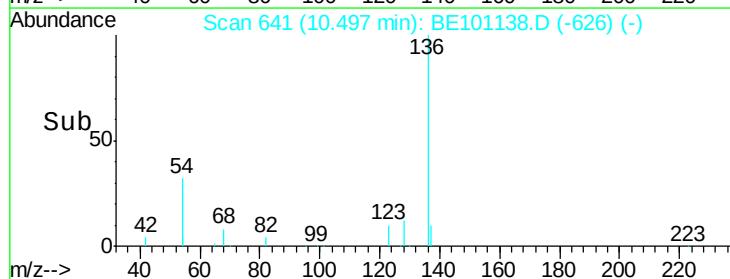
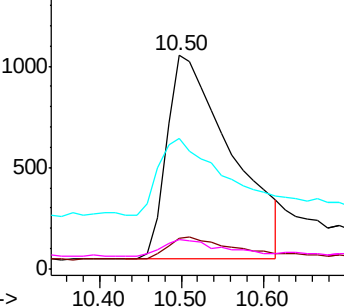


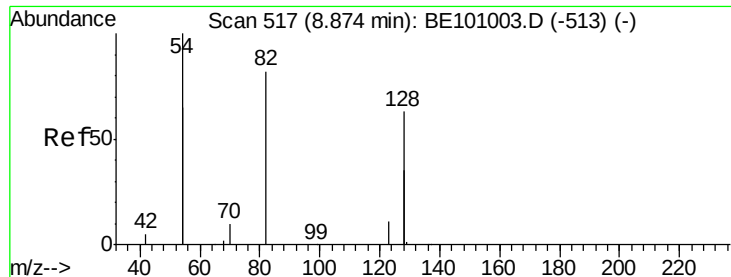
Abundance Ion 136.00 (135.70 to 136.70): BE1

Ion 137.00 (136.70 to 137.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1





#8

Nitrobenzene-d5

Concen: 0.387 ng

RT: 8.93 min Scan# 520

Delta R.T. 0.05 min

Lab File: BE101138.D

Acq: 7 Feb 2020 15:13

Instrument :

BNA_E

ClientSampleId :

PB126655BL

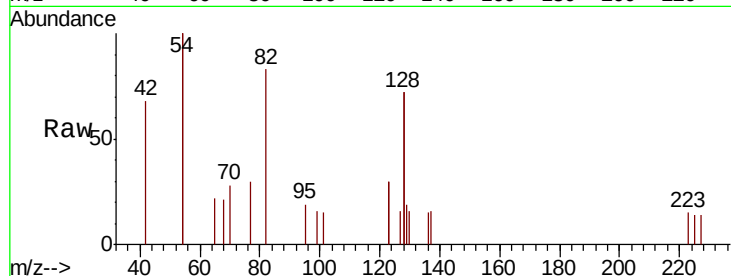
Tot Ion: 82 Resp: 1524

Ion Ratio Lower Upper

82 100

128 174.0 109.8 164.6#

54 241.2 174.5 261.7



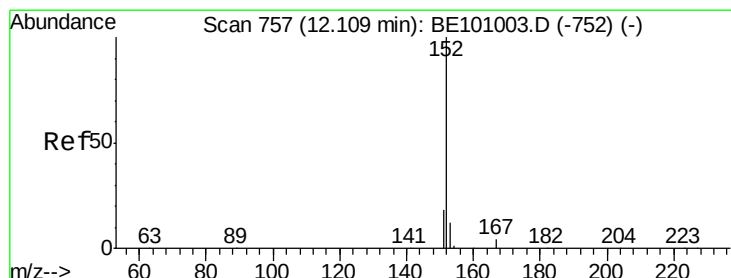
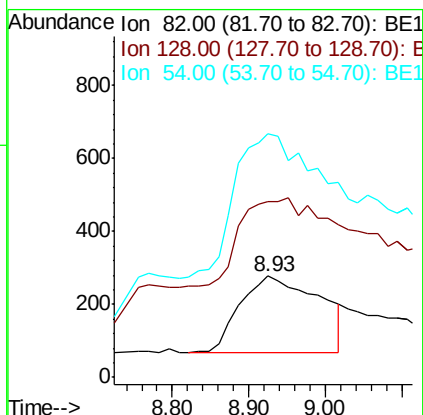
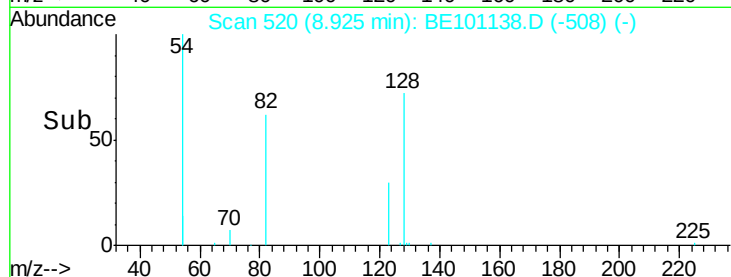
Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): BE1

Ion 54.00 (53.70 to 54.70): BE1

8.93

Time-->



#11

2-Methylnaphthalene-d10

Concen: 0.340 ng

RT: 12.14 min Scan# 758

Delta R.T. 0.03 min

Lab File: BE101138.D

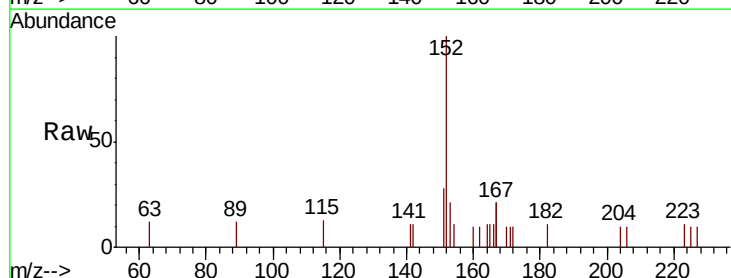
Acq: 7 Feb 2020 15:13

Tgt Ion: 152 Resp: 3570

Ion Ratio Lower Upper

152 100

151 17.8 15.0 22.6

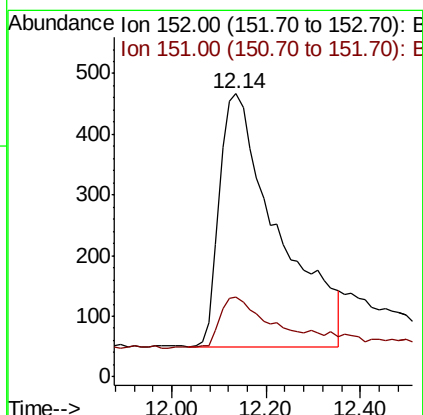
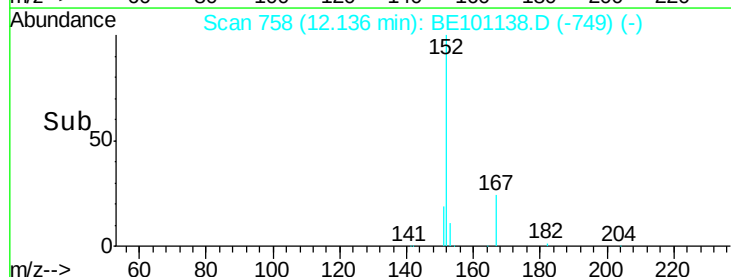


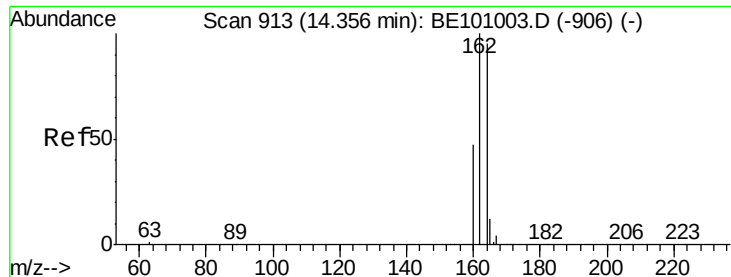
Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

12.14

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.36 min Scan# 912

Delta R.T. -0.00 min

Lab File: BE101138.D

Acq: 7 Feb 2020 15:13

Instrument :

BNA_E

ClientSampleId :

PB126655BL

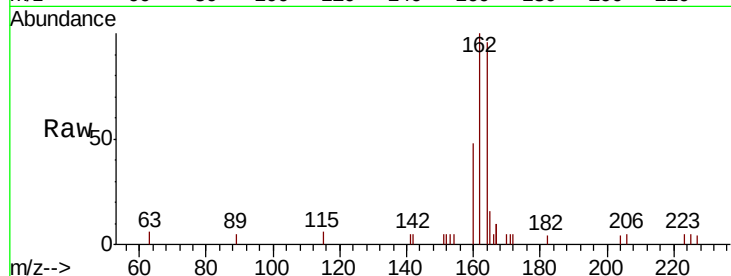
Tot Ion:164 Resp: 3644

Ion Ratio Lower Upper

164 100

162 103.7 84.1 126.1

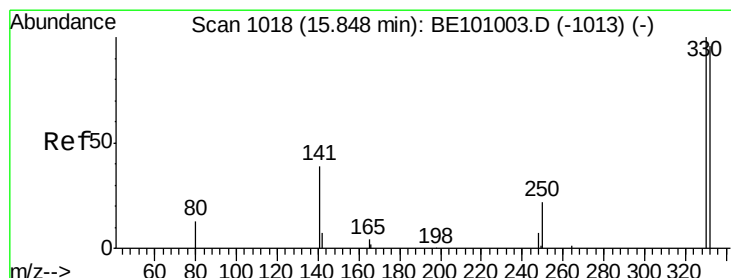
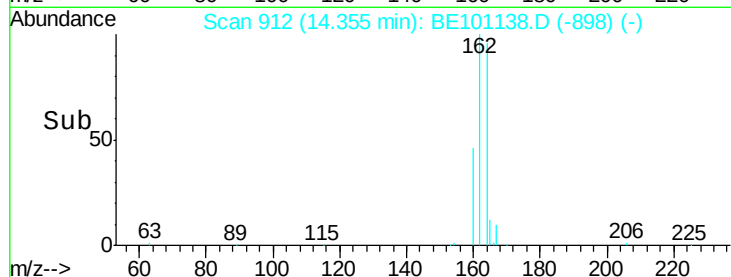
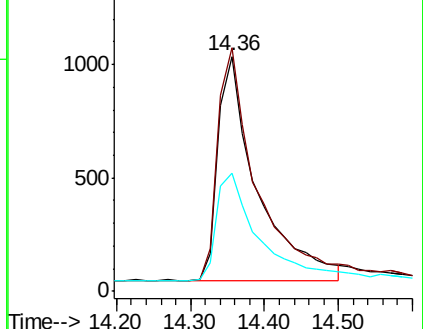
160 50.2 40.4 60.6



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: 0.136 ng

RT: 15.88 min Scan# 1019

Delta R.T. 0.03 min

Lab File: BE101138.D

Acq: 7 Feb 2020 15:13

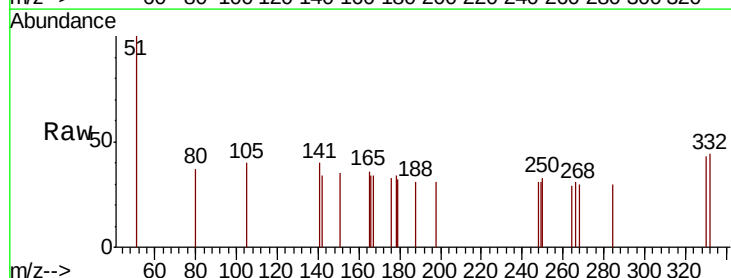
Tgt Ion:330 Resp: 140

Ion Ratio Lower Upper

330 100

332 105.0 78.4 117.6

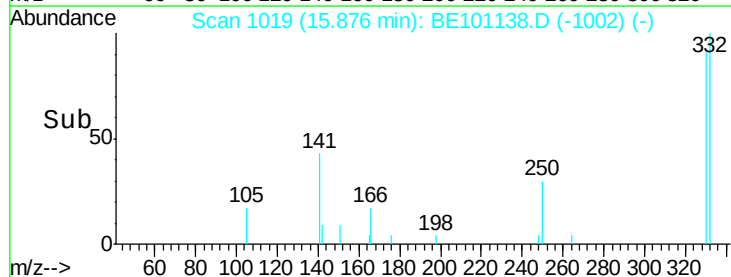
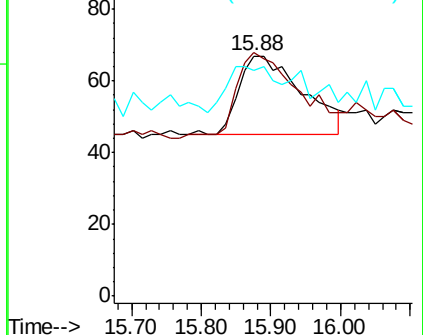
141 0.0 37.0 55.4#

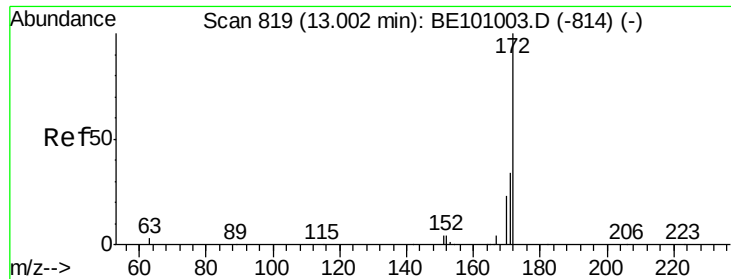


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

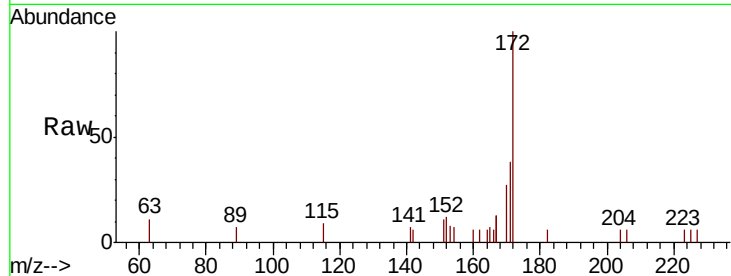




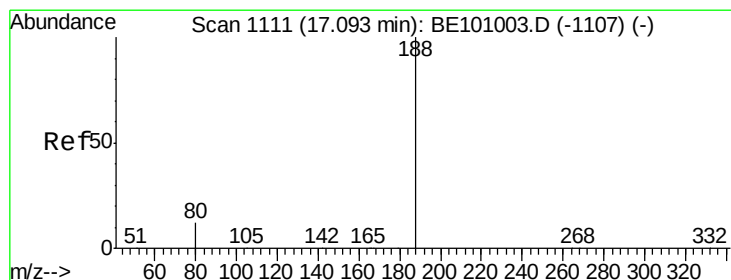
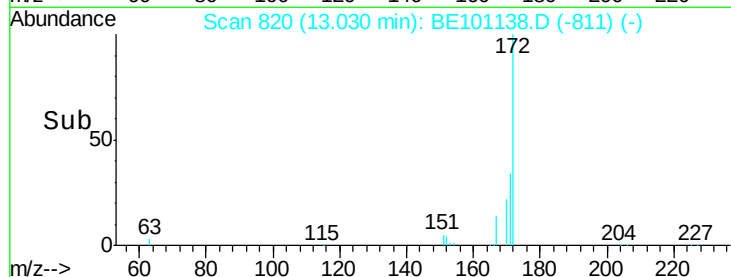
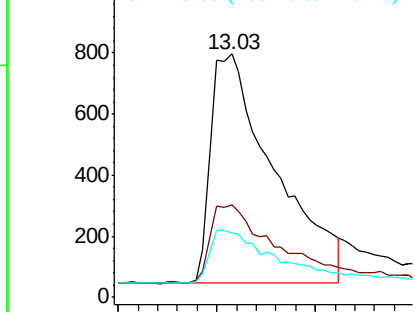
#15
2-Fluorobiphenyl
Concen: 0.485 ng
RT: 13.03 min Scan# 820
Delta R.T. 0.03 min
Lab File: BE101138.D
Acq: 7 Feb 2020 15:13

Instrument :
BNA_E
ClientSampleId :
PB126655BL

Tot Ion:172 Resp: 6708
Ion Ratio Lower Upper
172 100
171 38.0 28.2 42.2
170 26.6 18.9 28.3

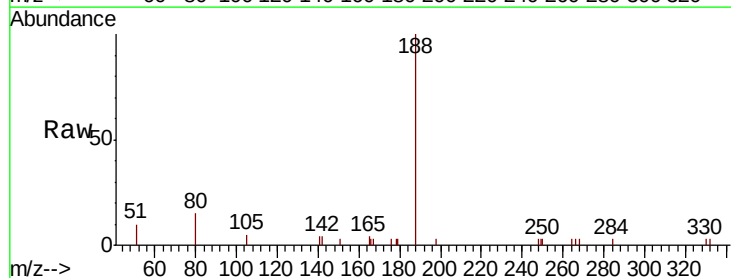


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

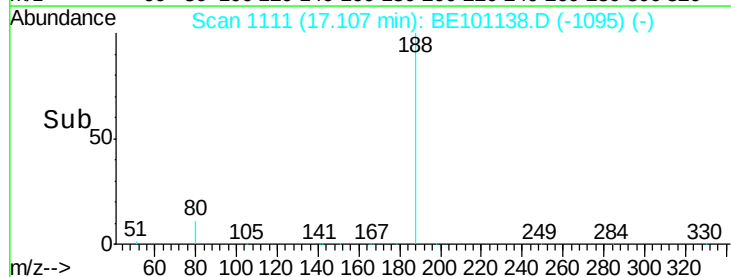
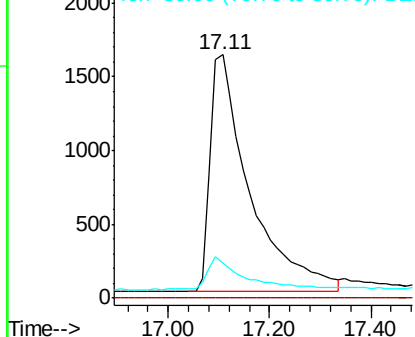


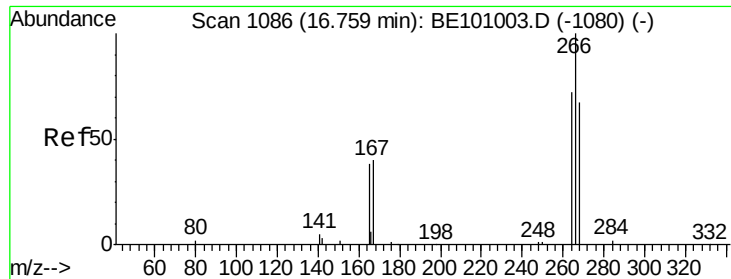
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101138.D
Acq: 7 Feb 2020 15:13

Tgt Ion:188 Resp: 8701
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.5 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

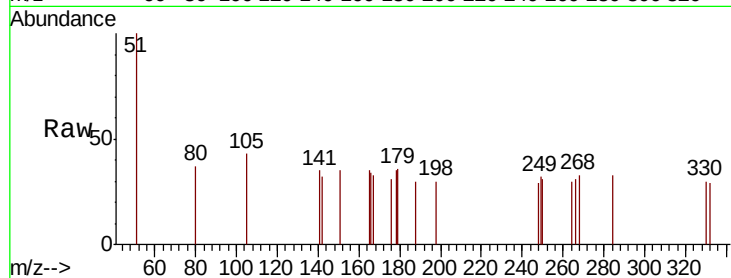




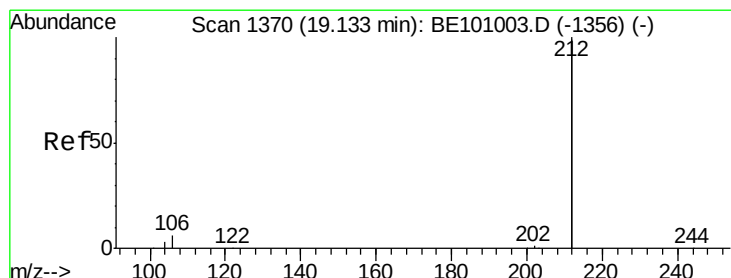
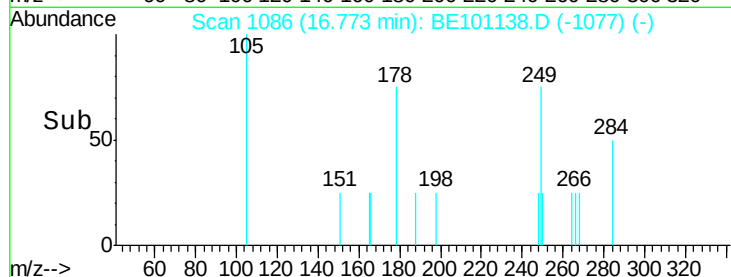
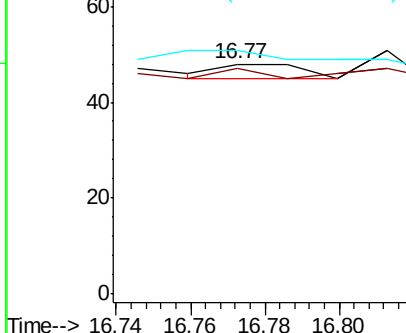
#22
 Pentachlorophenol
 Concen: 0.253 ng
 RT: 16.77 min Scan# 1086
 Delta R.T. 0.01 min
 Lab File: BE101138.D
 Acq: 7 Feb 2020 15:13

Instrument :
 BNA_E
 ClientSampleId :
 PB126655BL

Tot Ion:266 Resp: 5
 Ion Ratio Lower Upper
 266 100
 264 97.9 61.0 91.4#
 268 106.3 58.5 87.7#

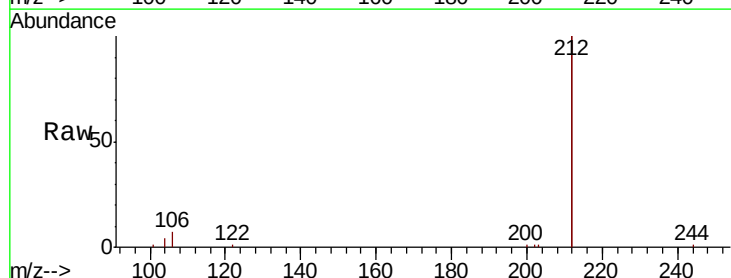


Abundance Ion 266.00 (265.70 to 266.70): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

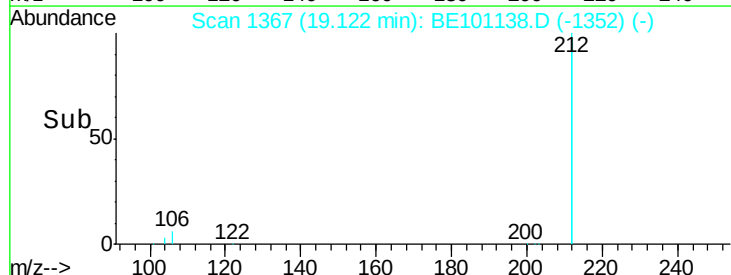
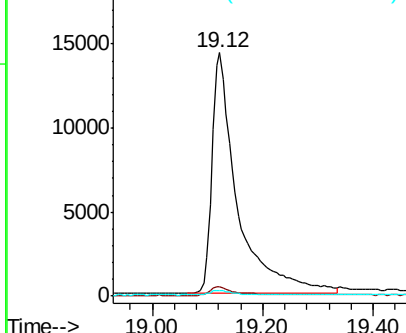


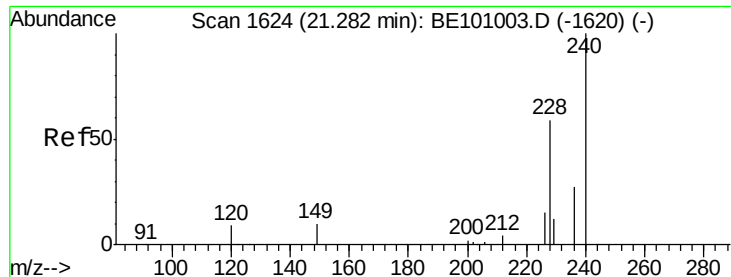
#25
 Fluoranthene-d10
 Concen: 0.380 ng
 RT: 19.12 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BE101138.D
 Acq: 7 Feb 2020 15:13

Tgt Ion:212 Resp: 45938
 Ion Ratio Lower Upper
 212 100
 106 3.2 2.6 3.8
 104 1.6 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: BE101138.D

Acq: 7 Feb 2020 15:13

Instrument :

BNA_E

ClientSampleId :

PB126655BL

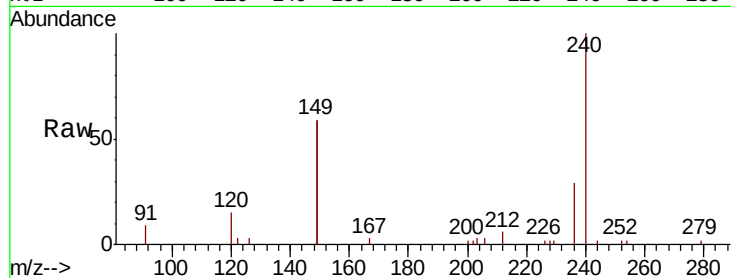
Tot Ion:240 Resp: 10499

Ion Ratio Lower Upper

240 100

120 15.3 8.6 13.0#

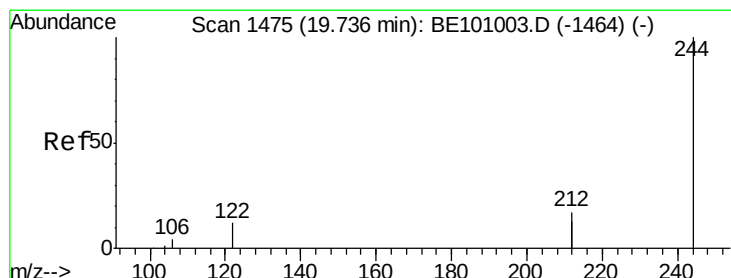
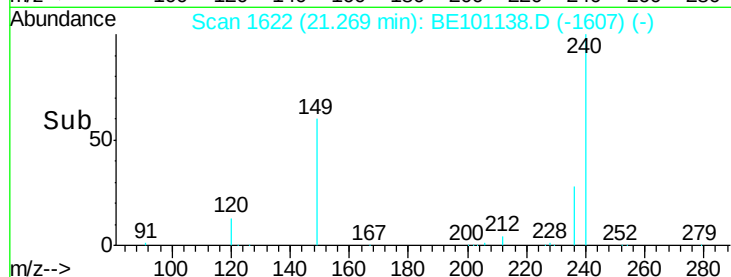
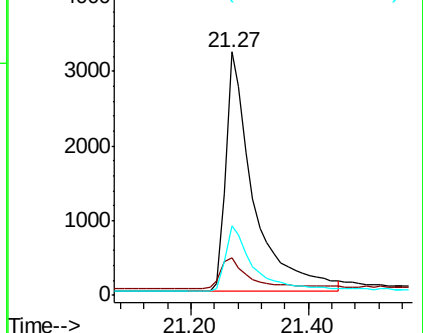
236 28.8 22.2 33.4



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: 0.452 ng

RT: 19.72 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE101138.D

Acq: 7 Feb 2020 15:13

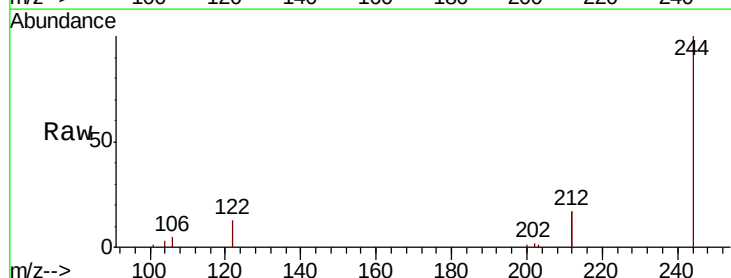
Tgt Ion:244 Resp: 11645

Ion Ratio Lower Upper

244 100

212 33.9 27.2 40.8

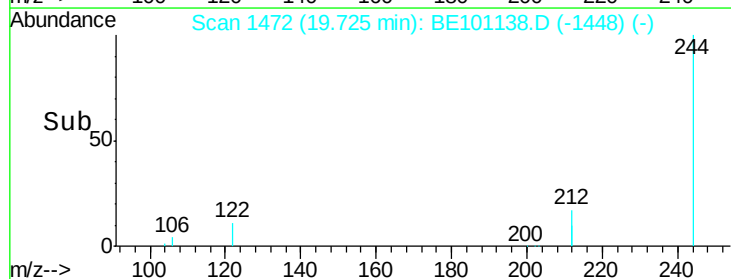
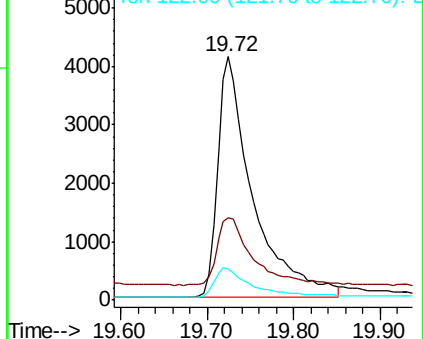
122 12.6 9.8 14.8

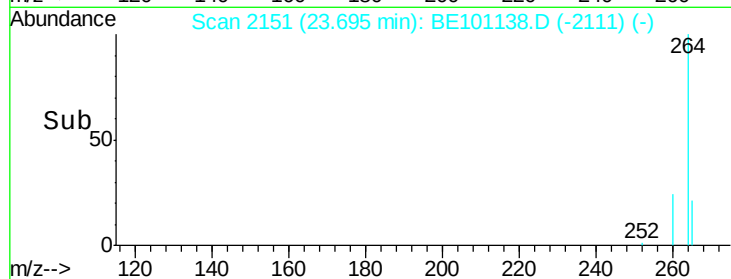
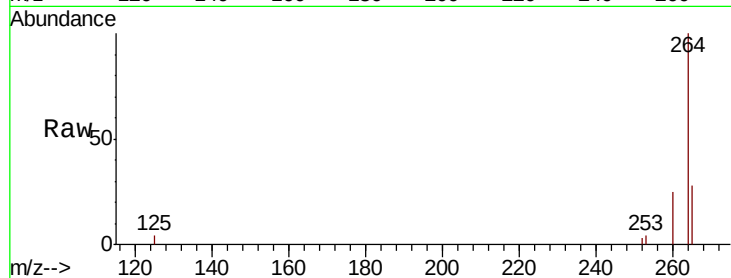
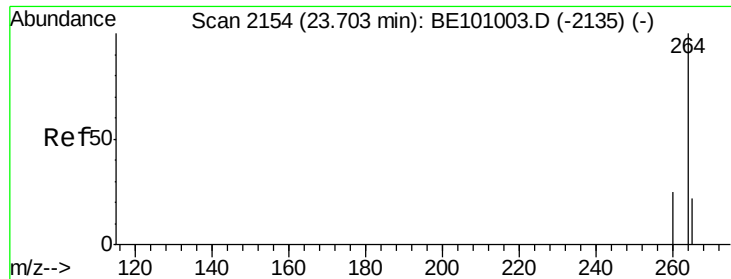


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#34

Pervlene-d12

Concen: 0.400 ng

RT: 23.69 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE101138.D

Acq: 7 Feb 2020 15:13

Instrument :

BNA_E

ClientSampleId :

PB126655BL

Tot Ion:264 Resp: 12476

Ion Ratio Lower Upper

264 100

260 25.0 20.3 30.5

265 28.1 27.0 40.4

