

Data File : BE101028.D
Acq On : 10 Jan 2020 18:15
Operator : JU
Sample : PB126027BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PB126027BL

Quant Time: Jan 11 00:53:02 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

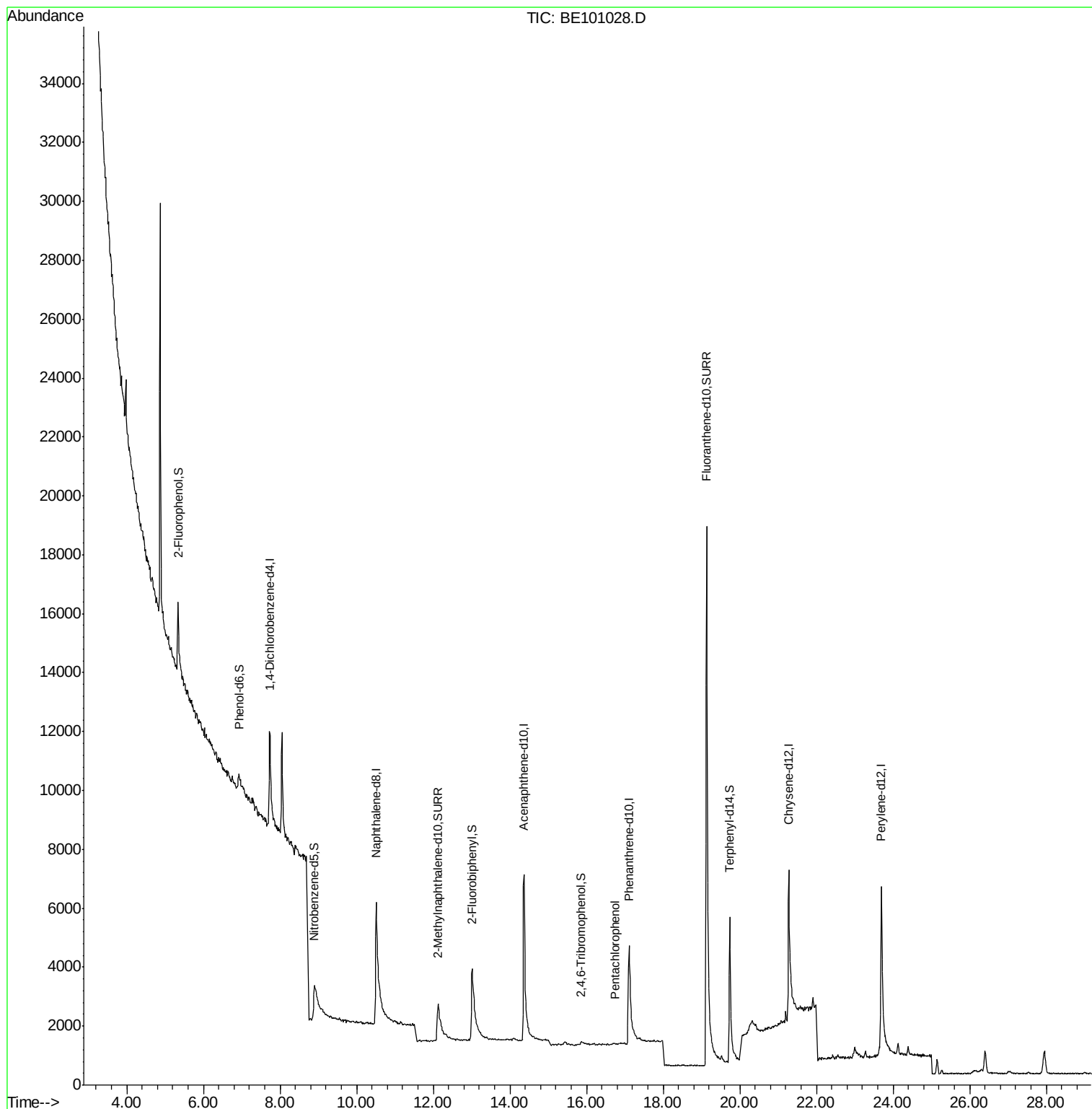
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2958	0.40	ng	0.00
7) Naphthalene-d8	10.51	136	11657	0.40	ng	0.01
13) Acenaphthene-d10	14.37	164	6529	0.40	ng	0.01
19) Phenanthrene-d10	17.11	188	13102	0.40	ng	0.01
27) Chrysene-d12	21.28	240	11601	0.40	ng	0.00
34) Perylene-d12	23.69	264	14456	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.34	112	1945	0.29	ng	0.00
5) Phenol-d6	6.93	99	1809	0.21	ng	0.01
8) Nitrobenzene-d5	8.90	82	1676	0.20	ng	0.02
11) 2-Methylnaphthalene-d10	12.12	152	6347	0.29	ng	0.01
14) 2,4,6-Tribromophenol	15.86	330	89	0.05	ng	0.01
15) 2-Fluorobiphenyl	13.02	172	8570	0.35	ng	0.01
25) Fluoranthene-d10	19.13	212	52942	0.29	ng	0.00
29) Terphenyl-d14	19.74	244	9329	0.33	ng	0.00
Target Compounds						
22) Pentachlorophenol	16.75	266	4	0.251	ng	Qvalue # 76

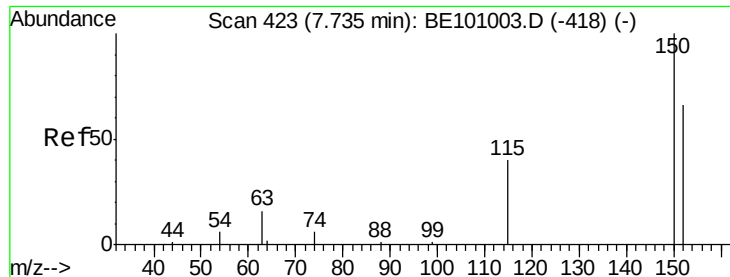
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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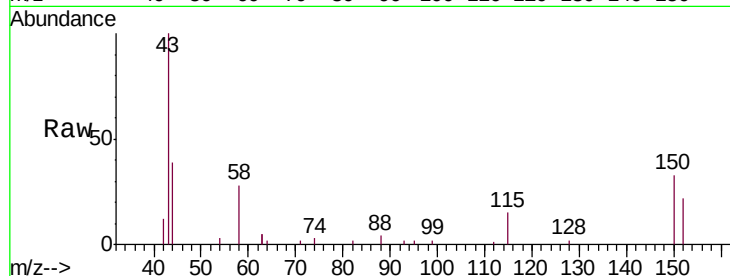


#1

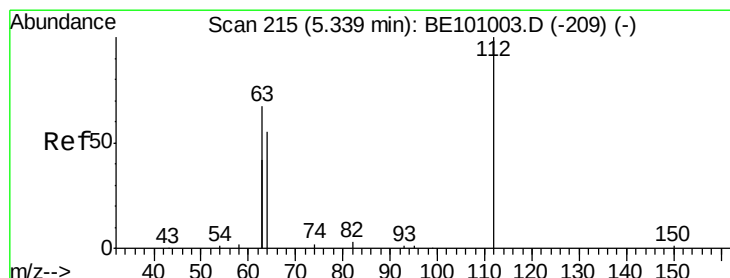
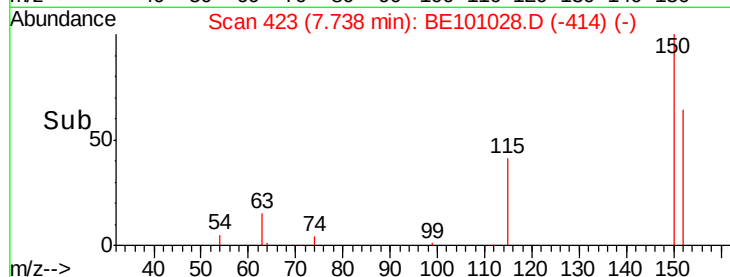
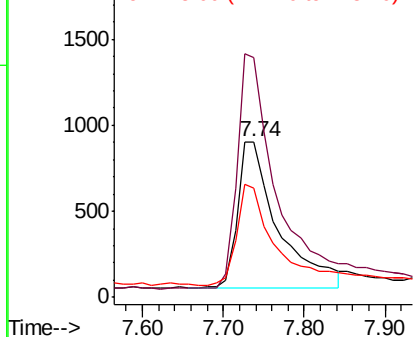
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101028.D
Acq: 10 Jan 2020 18:15

Instrument :
BNA_E
ClientSampleId :
PB126027BL

Tgt Ion:152 Resp: 2958
Ion Ratio Lower Upper
152 100
150 154.2 120.3 180.5
115 70.0 51.7 77.5



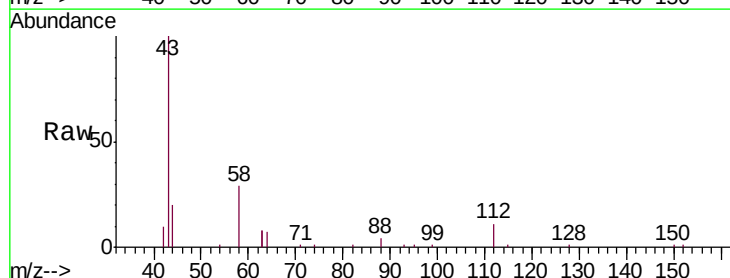
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



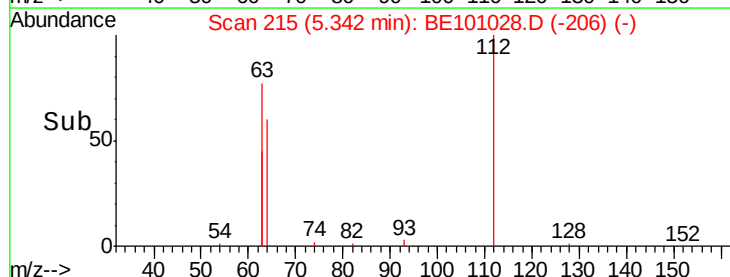
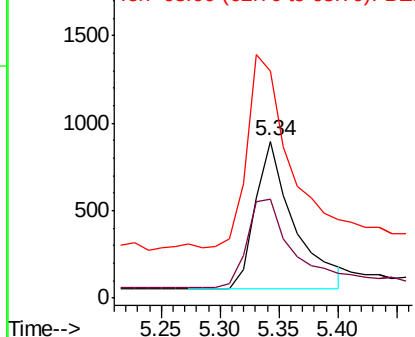
#4

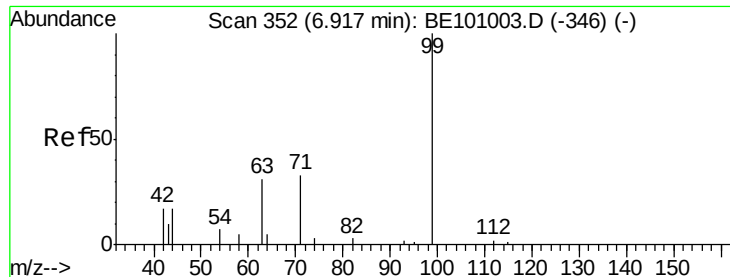
2-Fluorophenol
Concen: 0.292 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101028.D
Acq: 10 Jan 2020 18:15

Tgt Ion:112 Resp: 1945
Ion Ratio Lower Upper
112 100
64 69.3 53.6 80.4
63 146.2 114.6 172.0



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: 0.215 ng

RT: 6.93 min Scan# 353

Delta R.T. 0.01 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

Instrument :

BNA_E

ClientSampleId :

PB126027BL

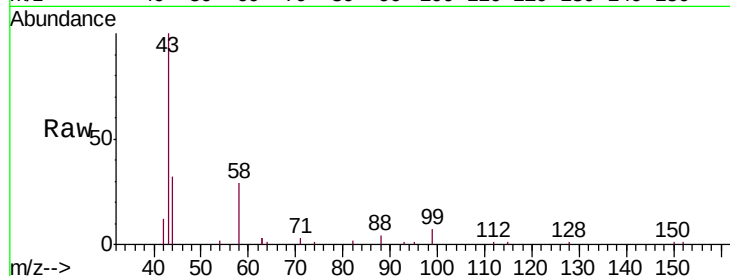
Tgt Ion: 99 Resp: 1809

Ion Ratio Lower Upper

99 100

42 15.9 18.3 27.5#

71 37.1 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

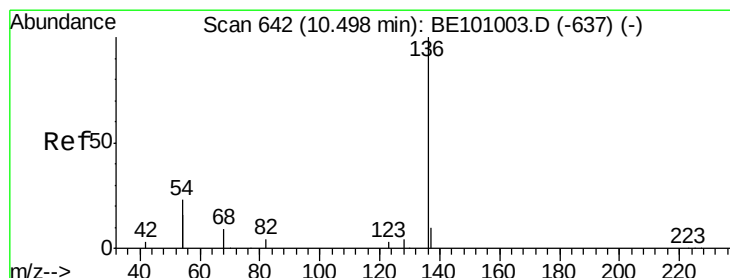
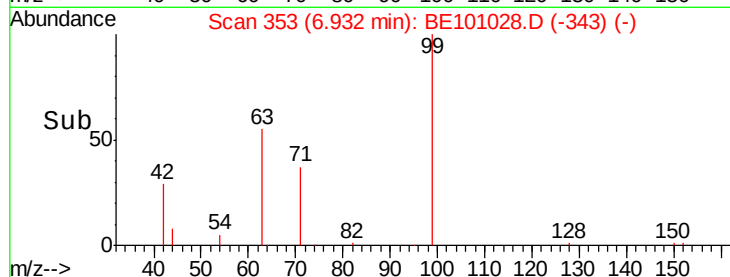
200

0

6.80 6.90 7.00 7.10

6.93

Time-->



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.51 min Scan# 642

Delta R.T. 0.01 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

Tgt Ion: 136 Resp: 11657

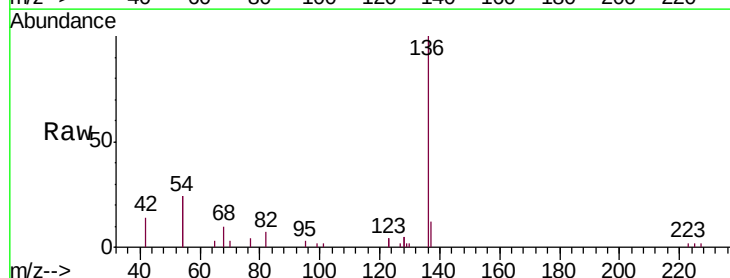
Ion Ratio Lower Upper

136 100

137 12.5 9.3 13.9

54 47.6 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

4000

3000

2000

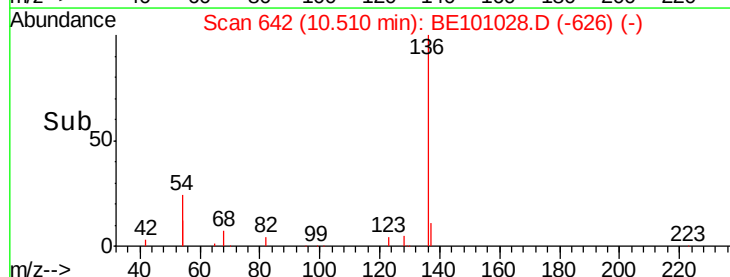
1000

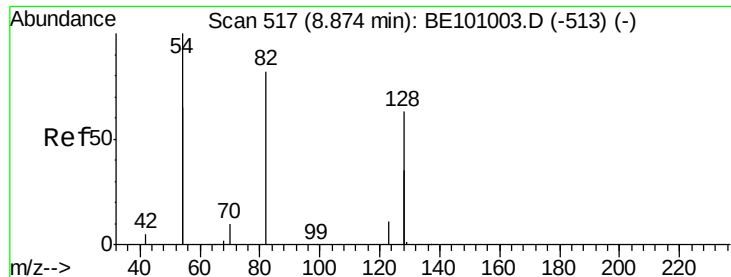
0

10.40 10.50 10.60 10.70

10.51

Time-->





#8

Nitrobenzene-d5

Concen: 0.201 ng

RT: 8.90 min Scan# 518

Delta R.T. 0.02 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

Instrument :

BNA_E

ClientSampleId :

PB126027BL

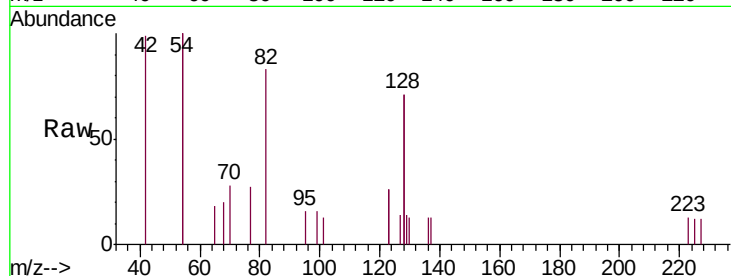
Tgt Ion: 82 Resp: 1676

Ion Ratio Lower Upper

82 100

128 172.5 109.8 164.6#

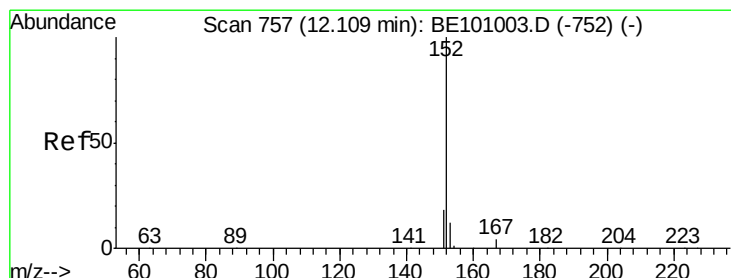
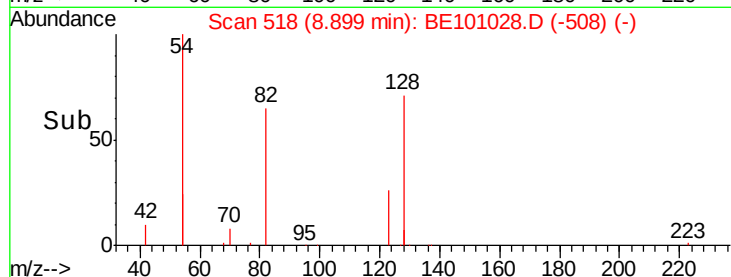
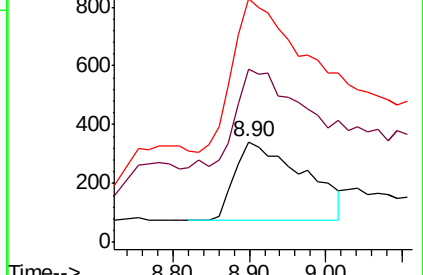
54 242.1 174.5 261.7



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: 0.285 ng

RT: 12.12 min Scan# 757

Delta R.T. 0.01 min

Lab File: BE101028.D

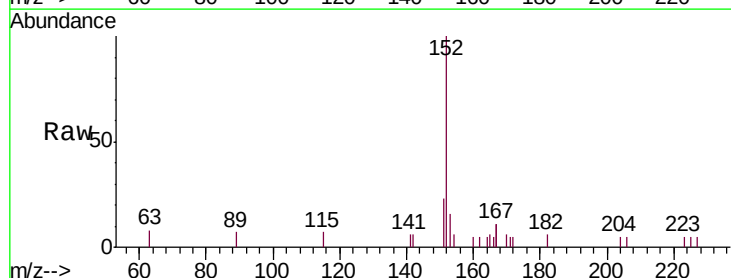
Acq: 10 Jan 2020 18:15

Tgt Ion: 152 Resp: 6347

Ion Ratio Lower Upper

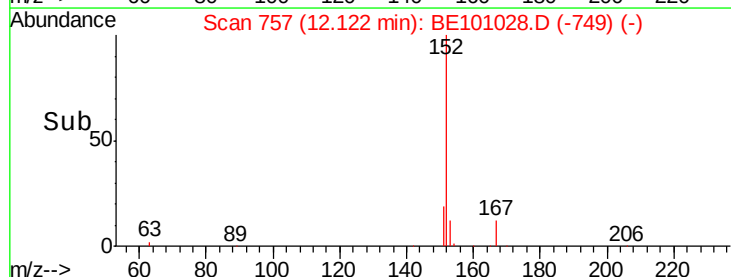
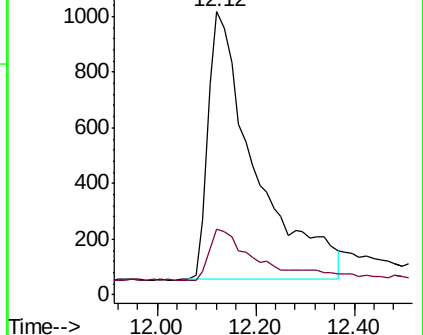
152 100

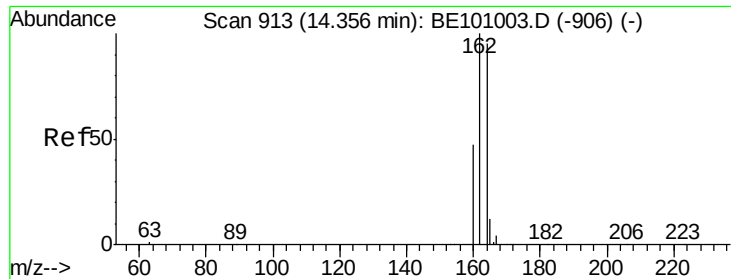
151 16.5 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

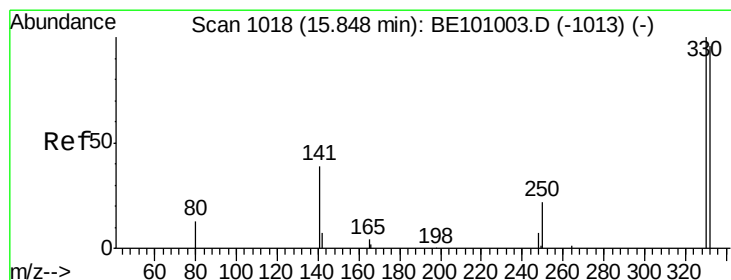
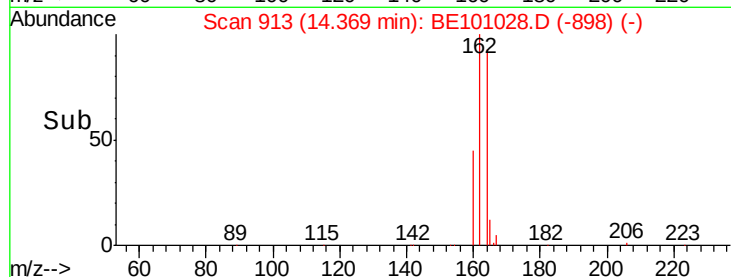
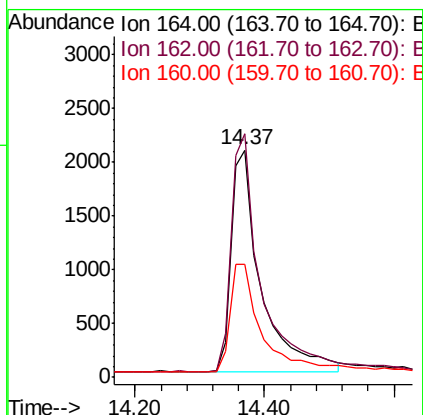
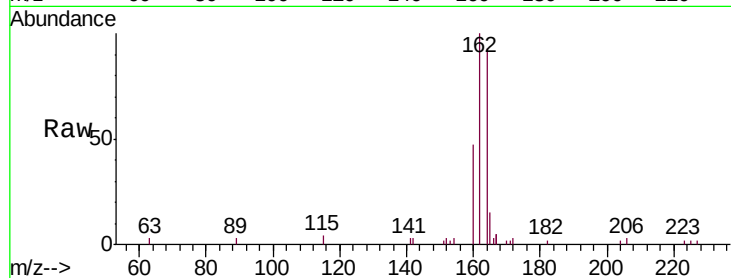




#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.37 min Scan# 913
 Delta R.T. 0.01 min
 Lab File: BE101028.D
 Acq: 10 Jan 2020 18:15

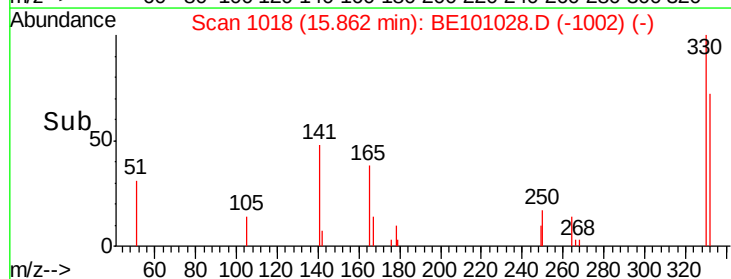
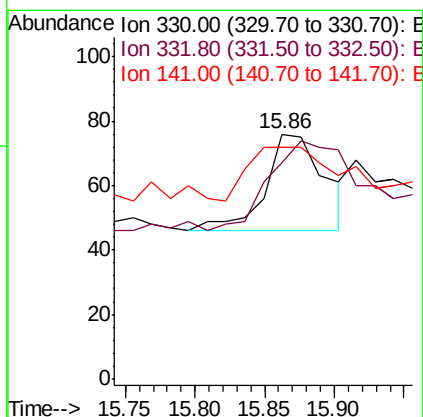
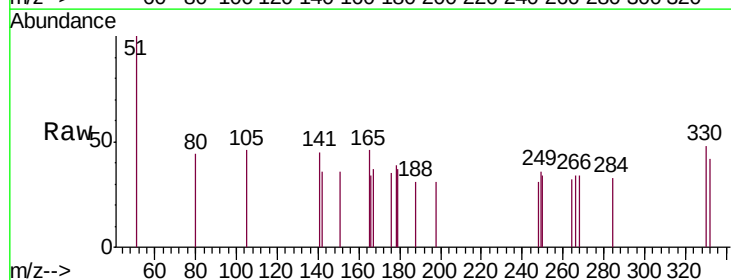
Instrument :
 BNA_E
 ClientSampleId :
 PB126027BL

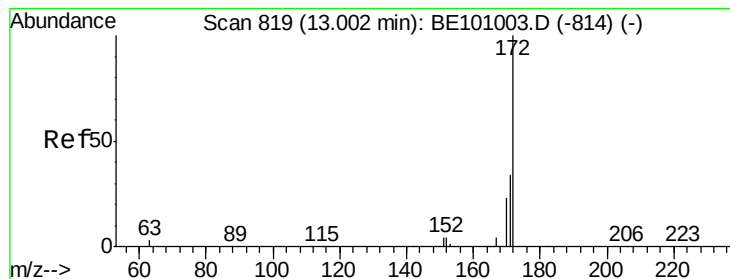
Tgt Ion:164 Resp: 6529
 Ion Ratio Lower Upper
 164 100
 162 107.2 84.1 126.1
 160 50.0 40.4 60.6



#14
 2,4,6-Tribromophenol
 Concen: 0.048 ng
 RT: 15.86 min Scan# 1018
 Delta R.T. 0.01 min
 Lab File: BE101028.D
 Acq: 10 Jan 2020 18:15

Tgt Ion:330 Resp: 89
 Ion Ratio Lower Upper
 330 100
 332 179.8 78.4 117.6#
 141 0.0 37.0 55.4#





#15

2-Fluorobiphenyl

Concen: 0.346 ng

RT: 13.02 min Scan# 819

Delta R.T. 0.01 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

Instrument :

BNA_E

ClientSampleId :

PB126027BL

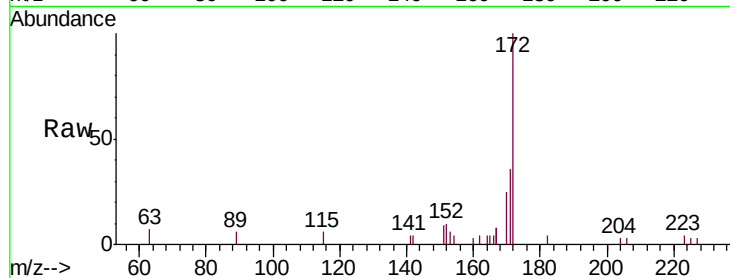
Tgt Ion:172 Resp: 8570

Ion Ratio Lower Upper

172 100

171 35.8 28.2 42.2

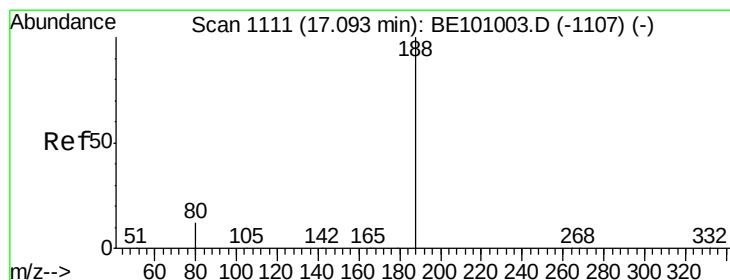
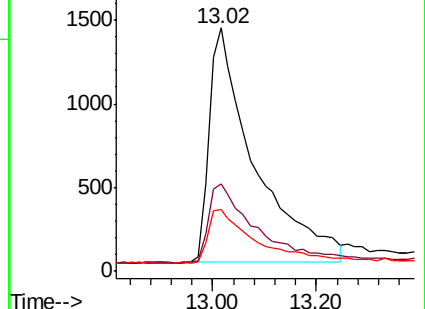
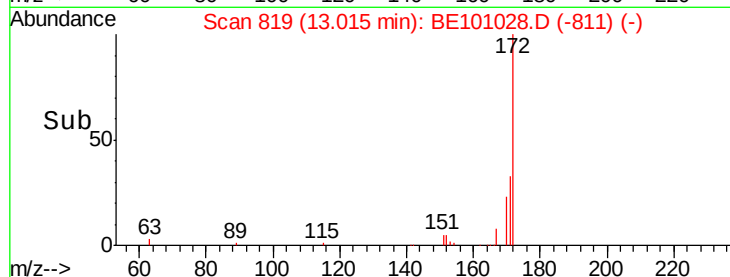
170 25.2 18.9 28.3



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: BE101028.D

Acq: 10 Jan 2020 18:15

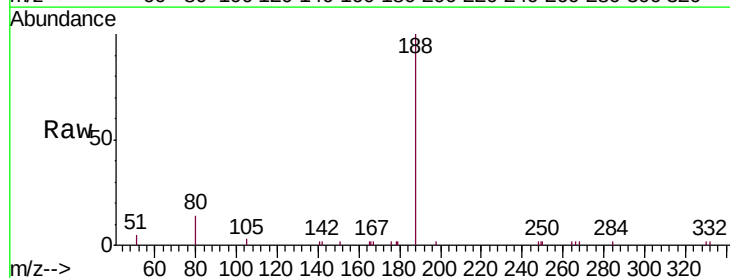
Tgt Ion:188 Resp: 13102

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

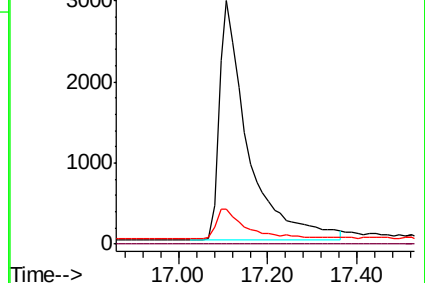
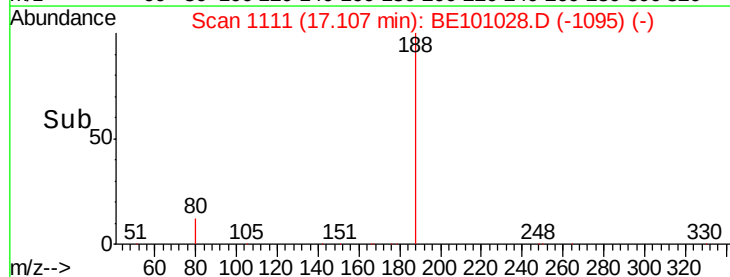
80 14.3 10.8 16.2

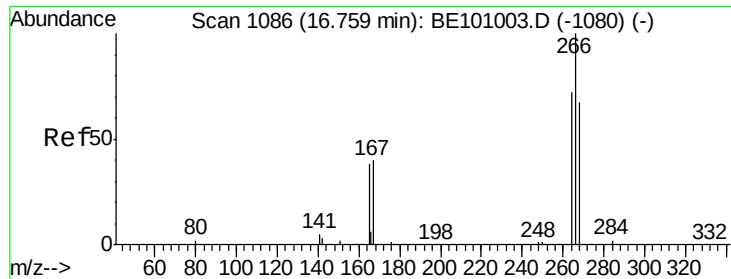


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1





#22

Pentachlorophenol

Concen: 0.251 ng

RT: 16.75 min Scan# 1084

Delta R.T. -0.01 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

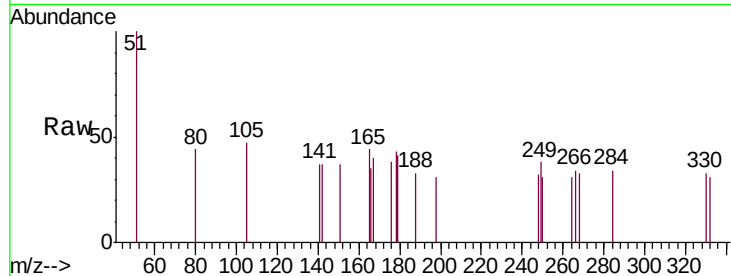
Instrument :

BNA_E

ClientSampleId :

PB126027BL

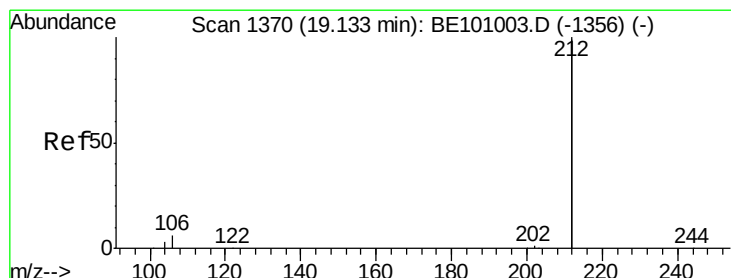
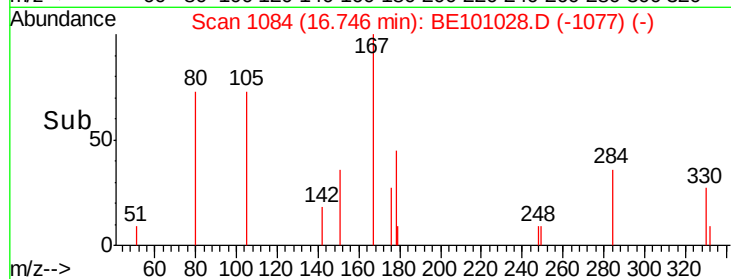
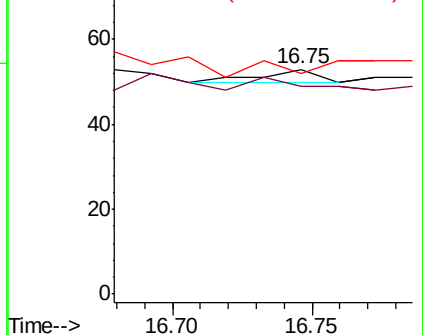
Tgt Ion:	266	Resp:	4
Ion	Ratio	Lower	Upper
266	100		
264	92.5	61.0	91.4#
268	98.1	58.5	87.7#



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: 0.291 ng

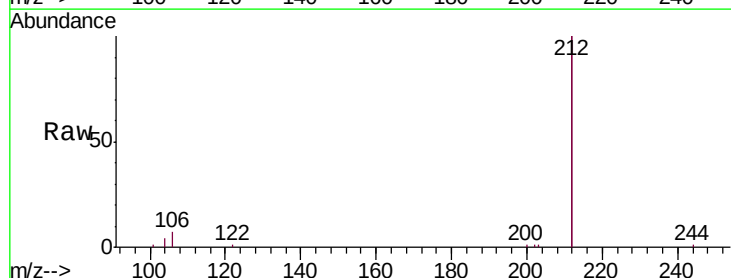
RT: 19.13 min Scan# 1369

Delta R.T. 0.00 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

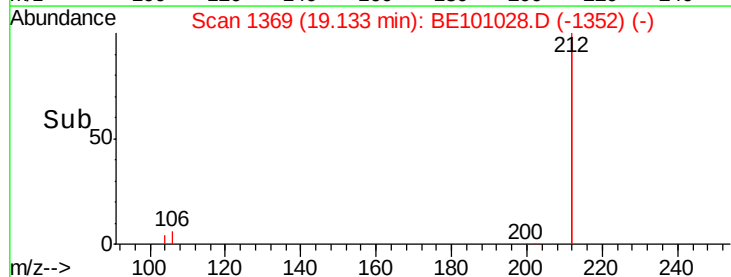
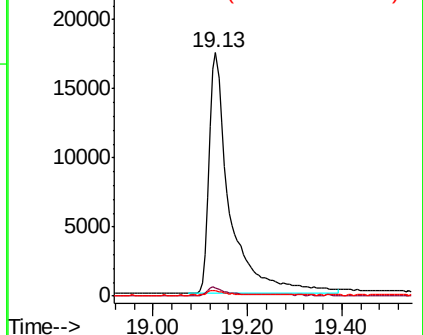
Tgt Ion:	212	Resp:	52942
Ion	Ratio	Lower	Upper
212	100		
106	3.1	2.6	3.8
104	1.9	1.4	2.0

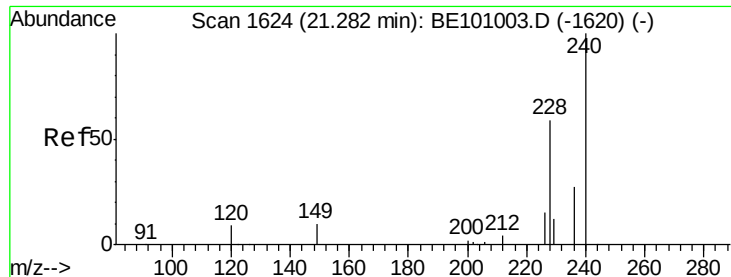


Abundance Ion 212.00 (211.70 to 212.70): E

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: 21.28 min Scan# 1623

Delta R.T. 0.00 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

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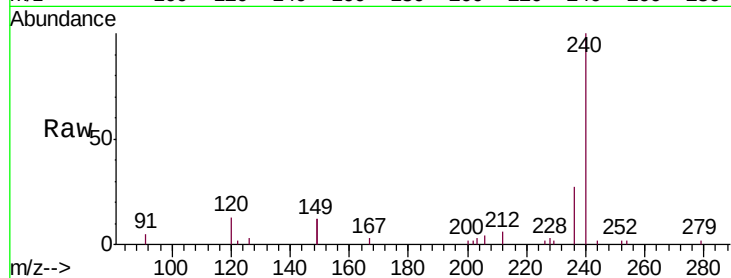
Tgt Ion:240 Resp: 11601

Ion Ratio Lower Upper

240 100

120 12.6 8.6 13.0

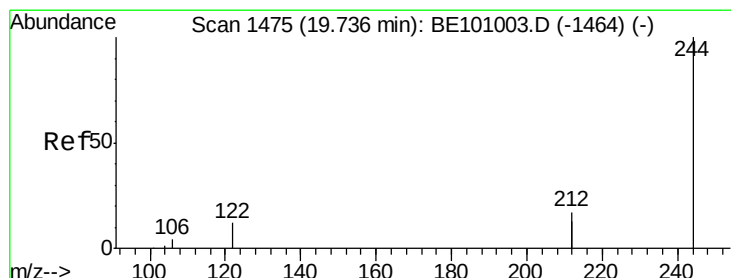
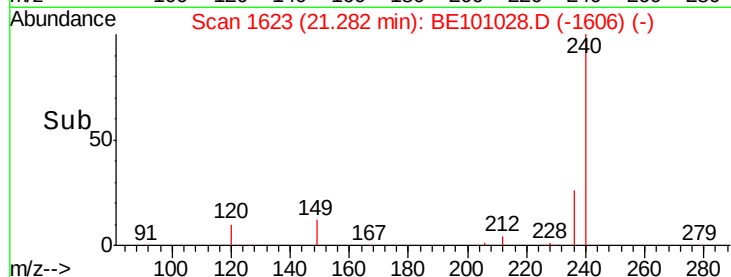
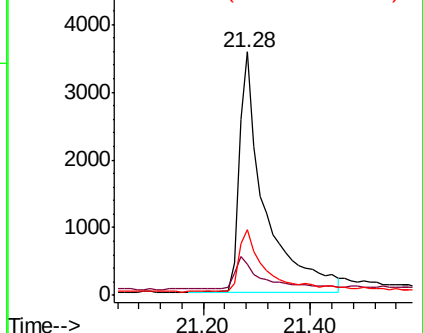
236 26.9 22.2 33.4



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: 0.328 ng

RT: 19.74 min Scan# 1474

Delta R.T. 0.00 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

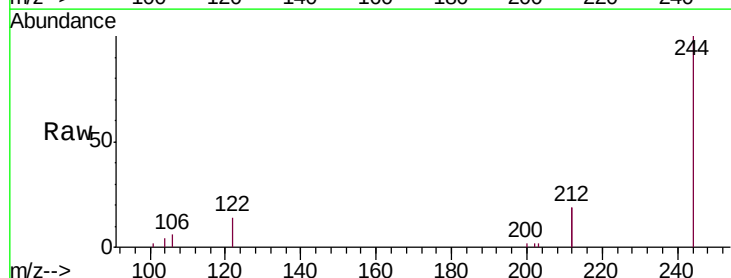
Tgt Ion:244 Resp: 9329

Ion Ratio Lower Upper

244 100

212 37.8 27.2 40.8

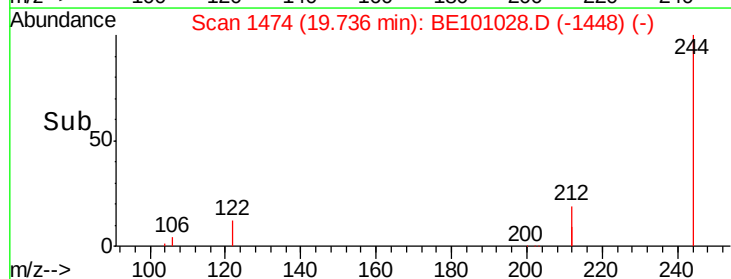
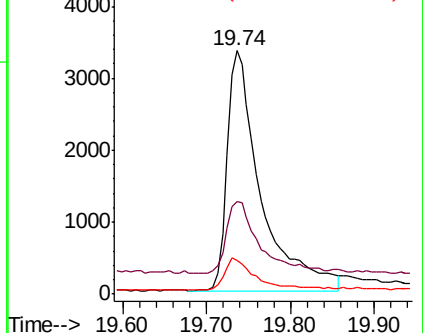
122 13.8 9.8 14.8

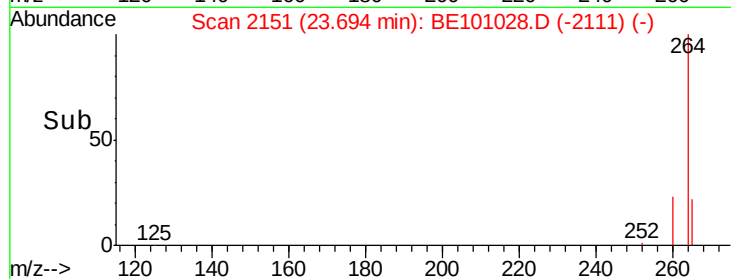
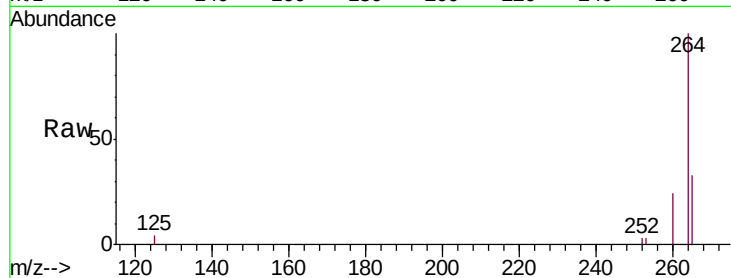
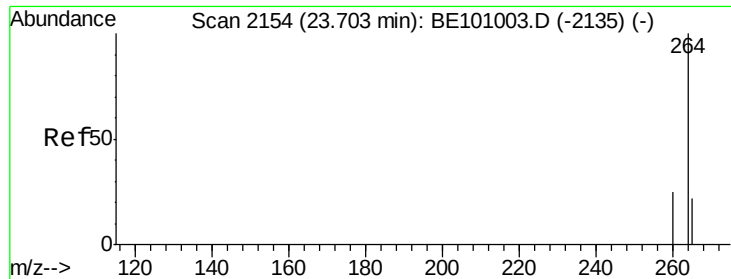


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.69 min Scan# 2151

Delta R.T. -0.01 min

Lab File: BE101028.D

Acq: 10 Jan 2020 18:15

Instrument :

BNA_E

ClientSampleId :

PB126027BL

Tgt Ion:264 Resp: 14456

Ion Ratio Lower Upper

264 100

260 24.2 20.3 30.5

265 32.9 27.0 40.4

