

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE011120\
 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 13 09:49:30 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	251m	0.14	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

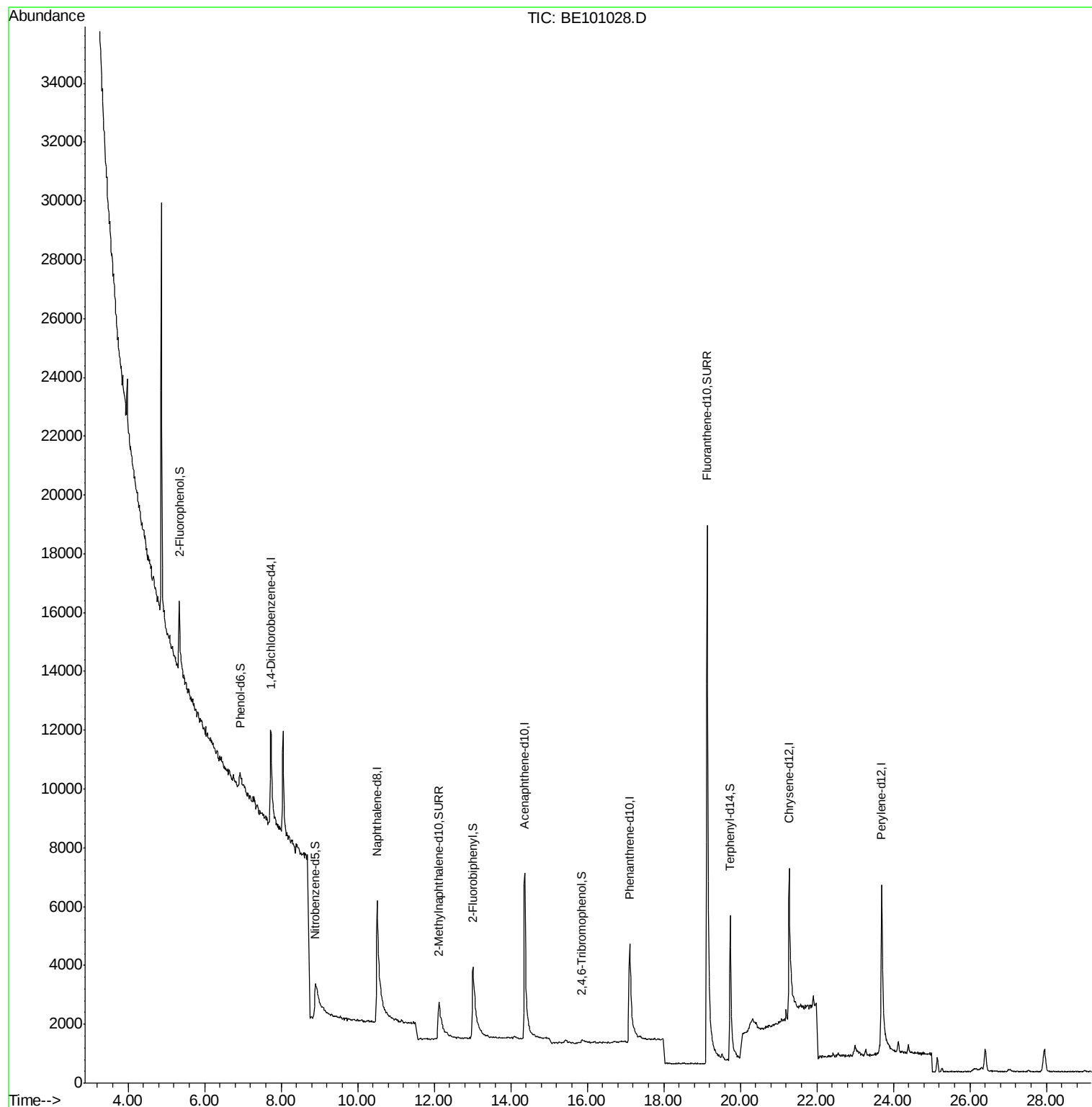
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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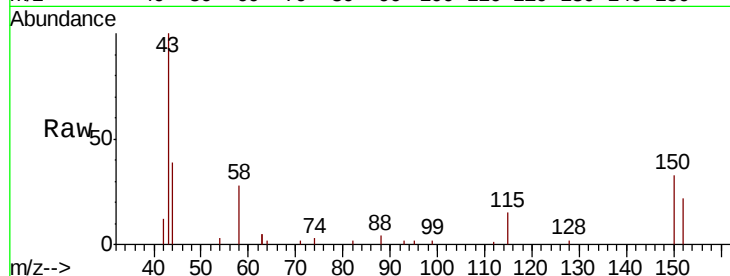


#1

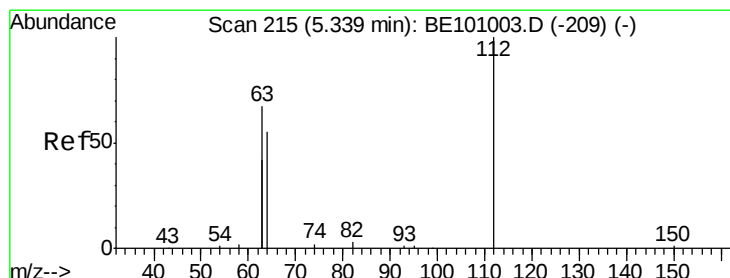
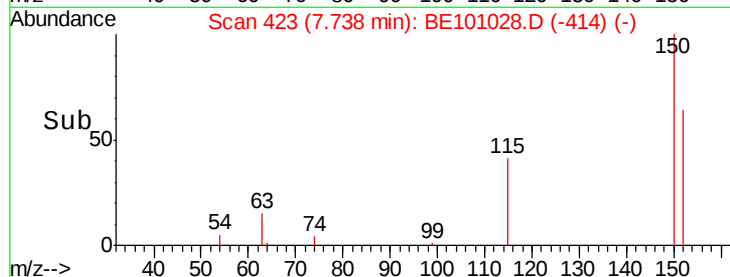
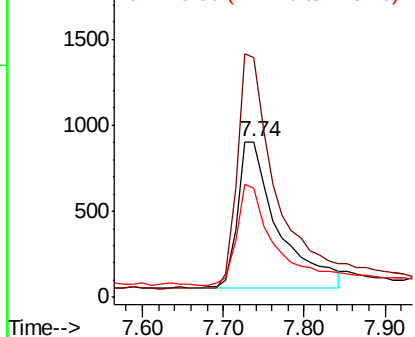
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.74 min Scan# 423
Delta R.T. 0.00 min
Lab File: BE101028.D
Acq: 10 Jan 2020 18:15

Instrument :
BNA_E
ClientSampleId :
PB126027BL

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



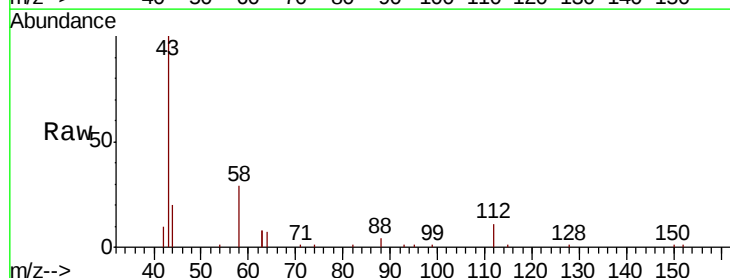
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



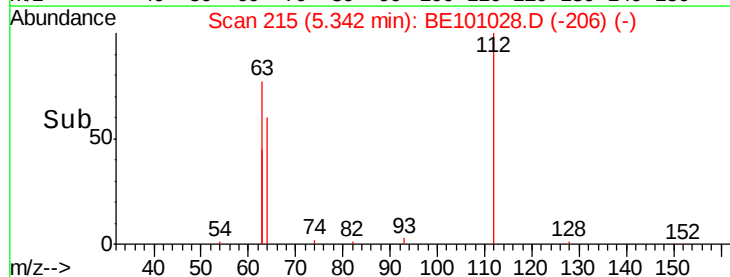
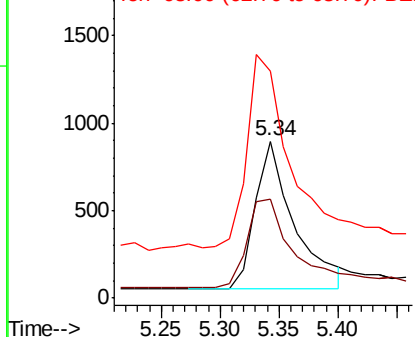
#4

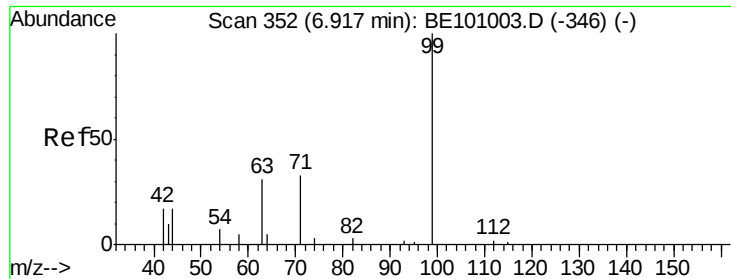
2-Fluorophenol
Concen: 0.292 ng
RT: 5.34 min Scan# 215
Delta R.T. 0.00 min
Lab File: BE101028.D
Acq: 10 Jan 2020 18:15

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

ClientSampled :

PB126027BL

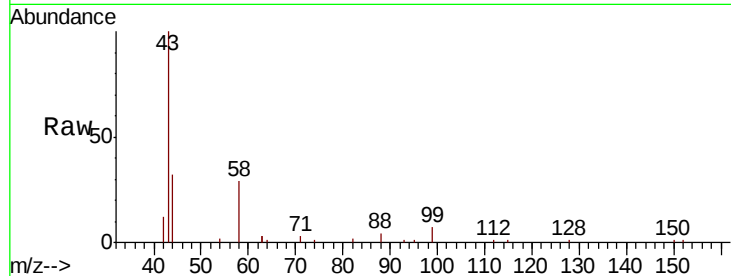
Tot Ion: 99 Resp: 1809

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

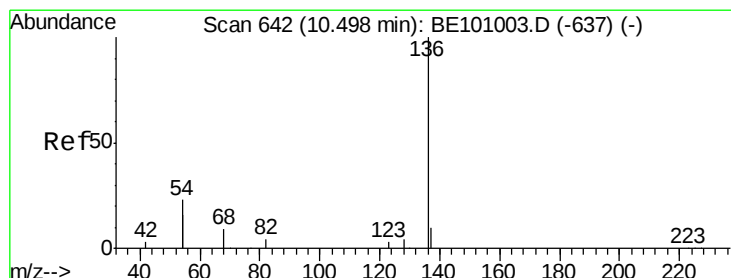
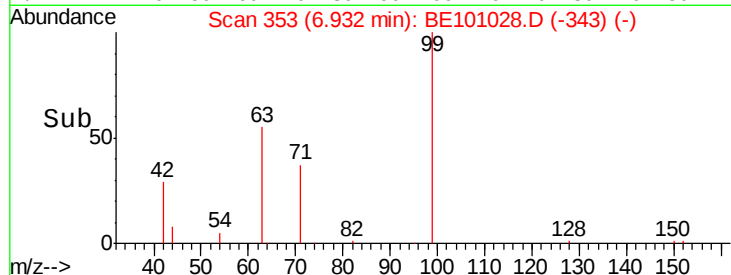
400

200

0

6.80 6.90 7.00 7.10

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

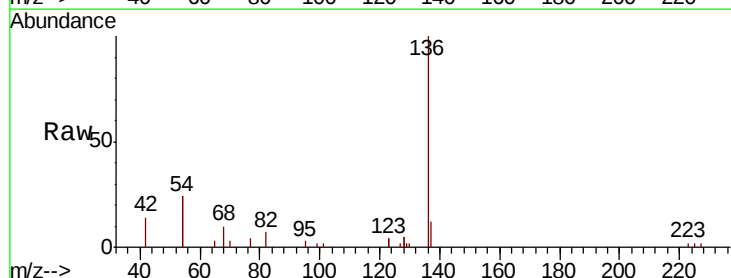
Ion Ratio Lower Upper

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): 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

4000

3000

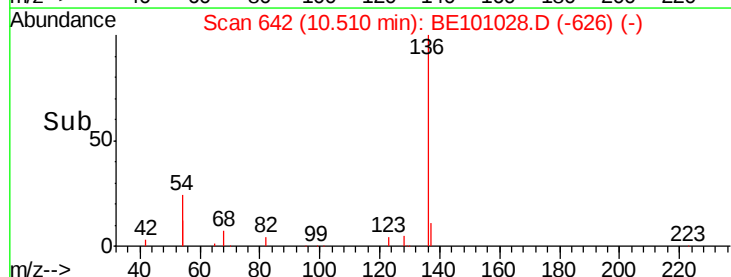
2000

1000

0

10.40 10.50 10.60 10.70

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

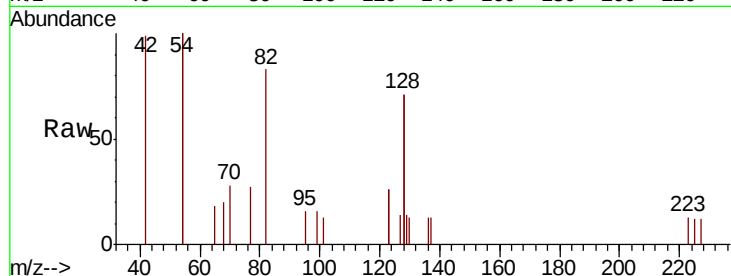
Tot Ion: 82 Resp: 1676

Ion Ratio Lower Upper

82 100

128 172.5 109.8 164.6#

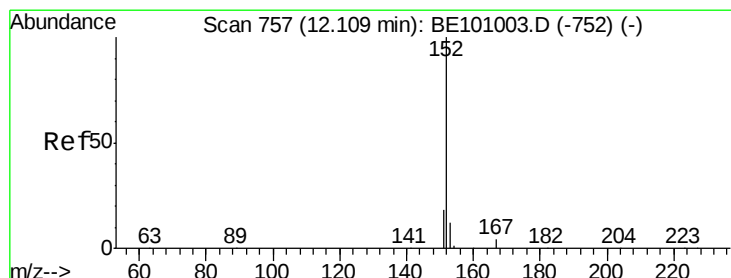
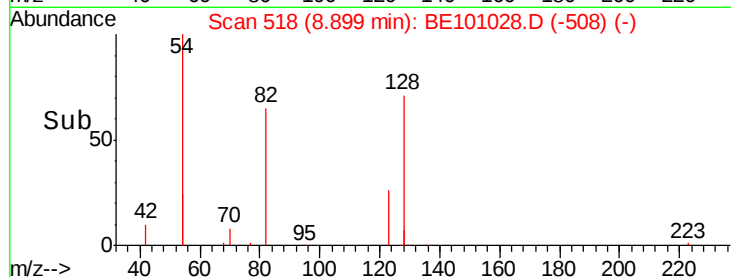
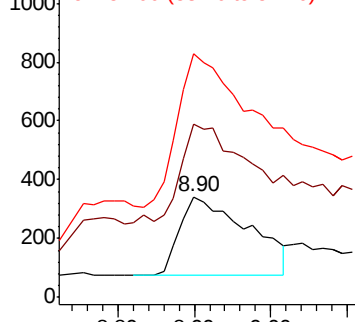
54 242.1 174.5 261.7



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

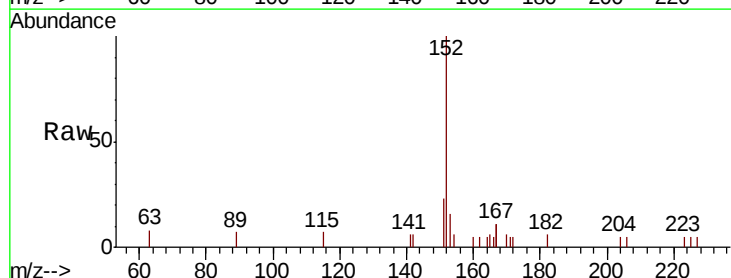
Acq: 10 Jan 2020 18:15

Tgt Ion: 152 Resp: 6347

Ion Ratio Lower Upper

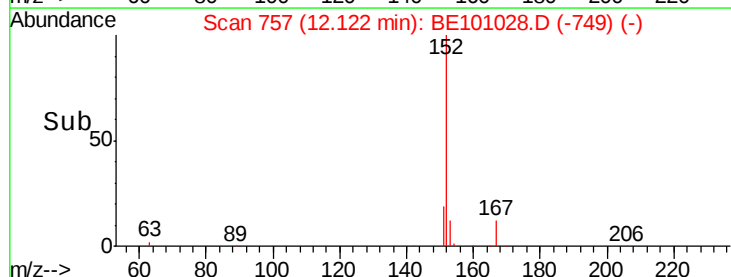
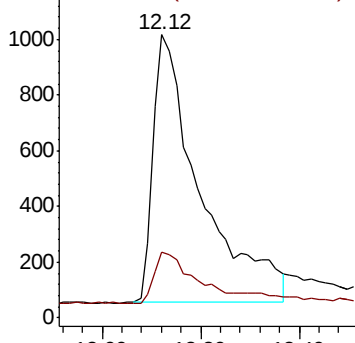
152 100

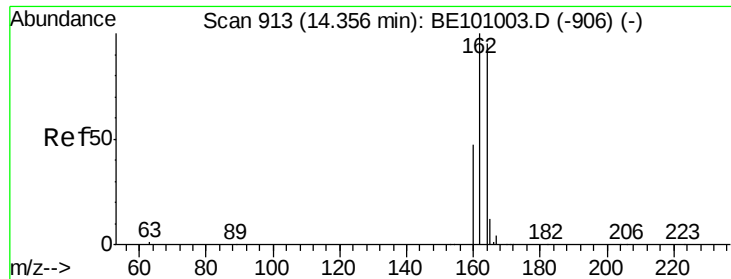
151 16.5 15.0 22.6



Abundance Ion 152.00 (151.70 to 152.70): BE1

Ion 151.00 (150.70 to 151.70): BE1

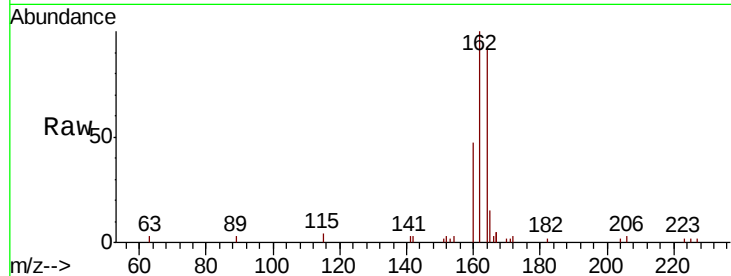




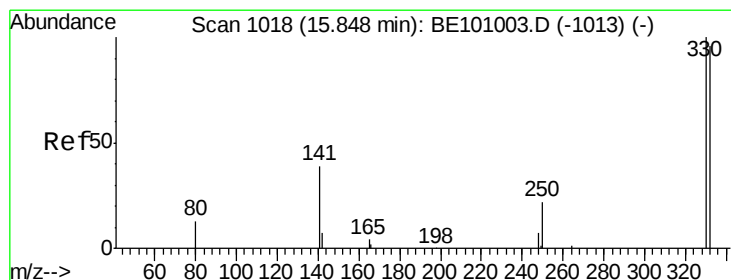
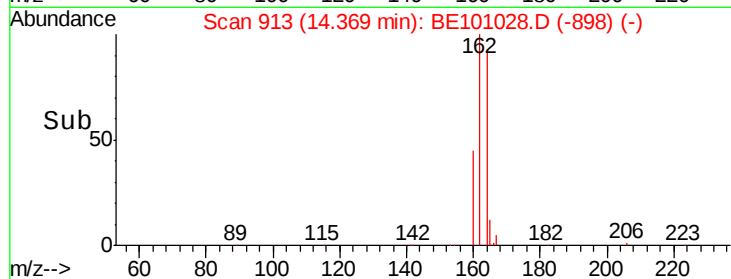
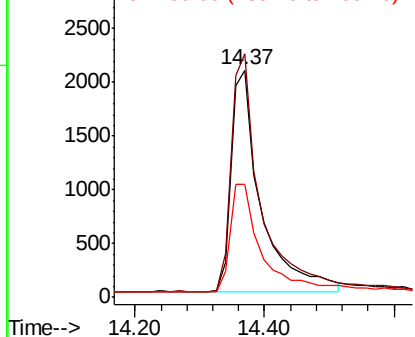
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.37 min Scan# 913
Delta R.T. 0.01 min
Lab File: BE101028.D
Acq: 10 Jan 2020 18:15

Instrument :
BNA_E
ClientSampleId :
PB126027BL

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

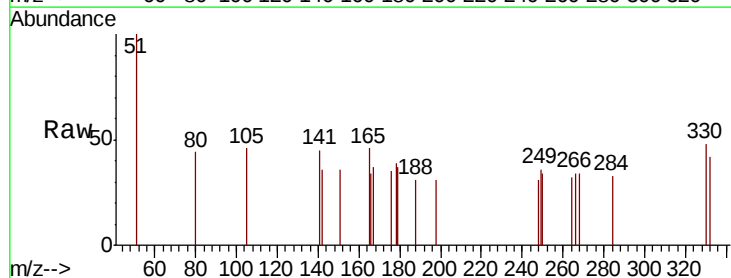


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

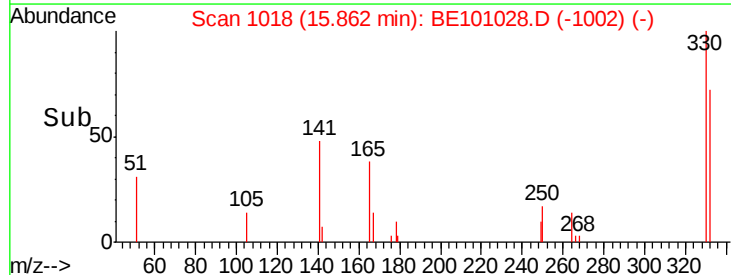
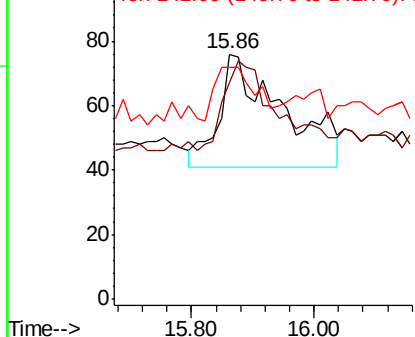


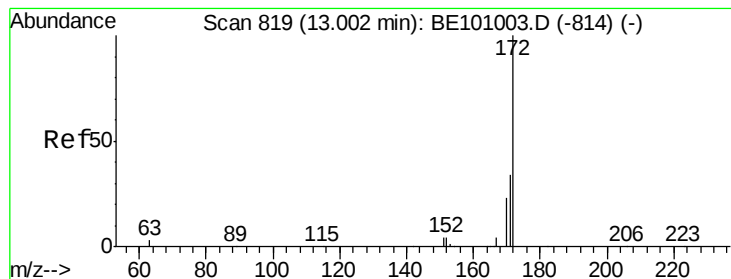
#14
2,4,6-Tribromophenol
Concen: 0.136 ng m
RT: 15.86 min Scan# 1018
Delta R.T. 0.01 min
Lab File: BE101028.D
Acq: 10 Jan 2020 18:15

Tgt Ion:330 Resp: 251
Ion Ratio Lower Upper
330 100
332 63.7 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

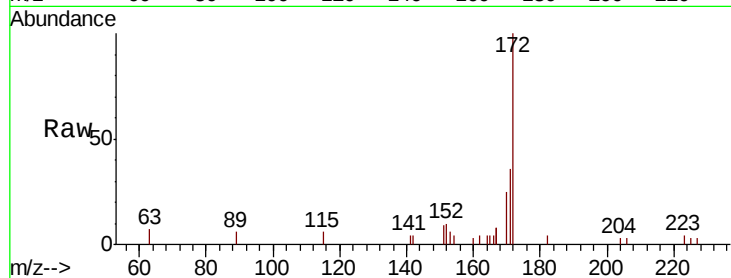




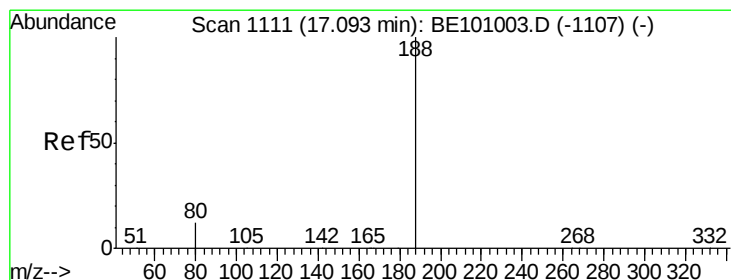
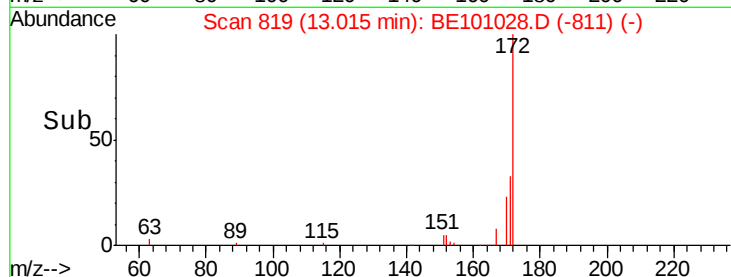
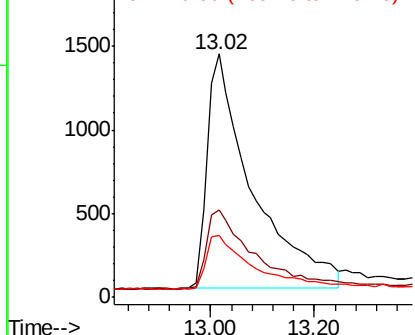
#15
2-Fluorobiphenyl
Concen: 0.346 ng
RT: 13.02 min Scan# 819
Delta R.T. 0.01 min
Lab File: BE101028.D
Acq: 10 Jan 2020 18:15

Instrument :
BNA_E
ClientSampleId :
PB126027BL

Tot Ion:172 Resp: 8570
Ion Ratio Lower Upper
172 100
171 35.8 28.2 42.2
170 25.2 18.9 28.3

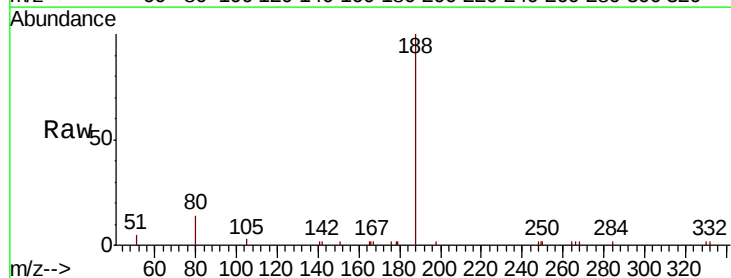


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

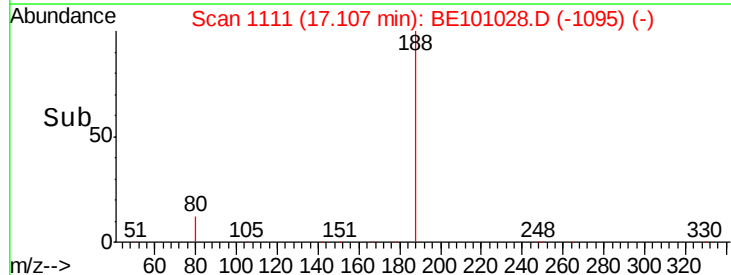
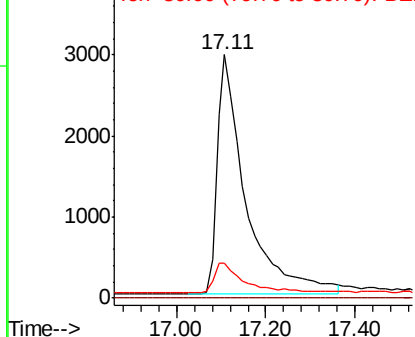


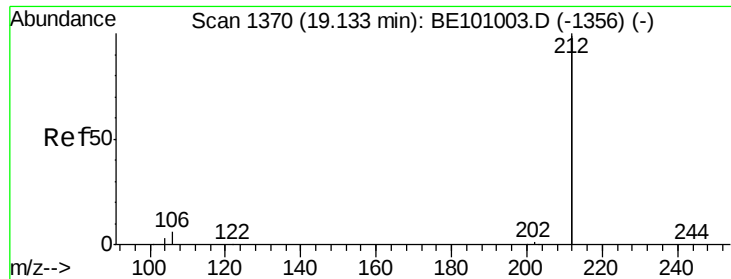
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.11 min Scan# 1111
Delta R.T. 0.01 min
Lab File: BE101028.D
Acq: 10 Jan 2020 18:15

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

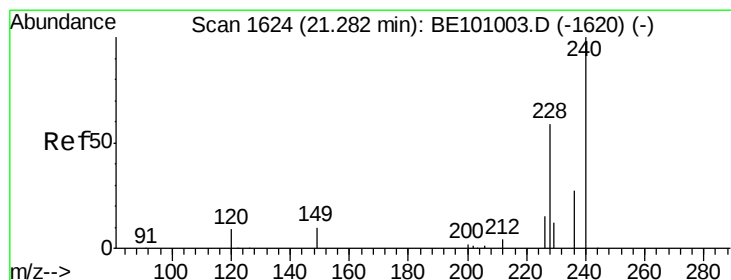
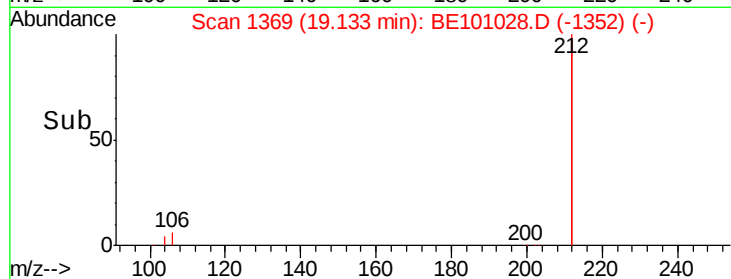
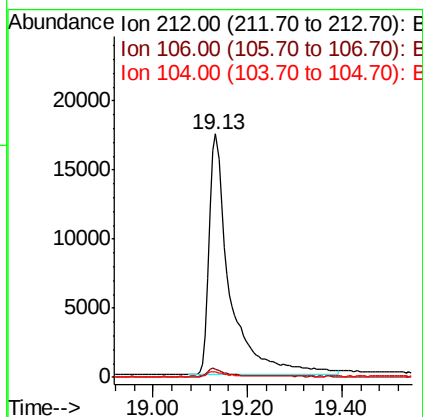
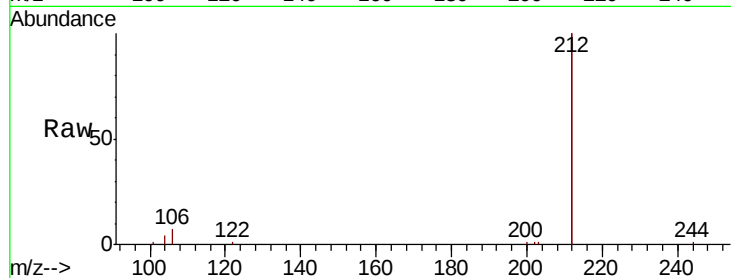




#25
 Fluoranthene-d10
 Concen: 0.291 ng
 RT: 19.13 min Scan# 1369
 Delta R.T. 0.00 min
 Lab File: BE101028.D
 Acq: 10 Jan 2020 18:15

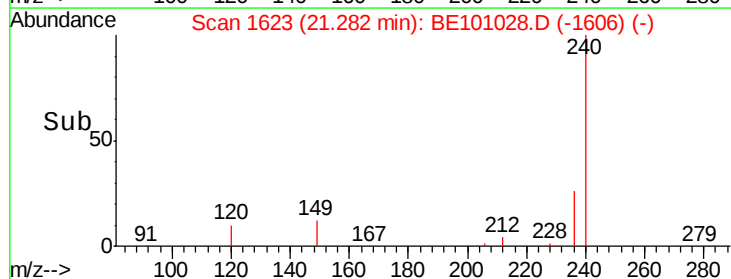
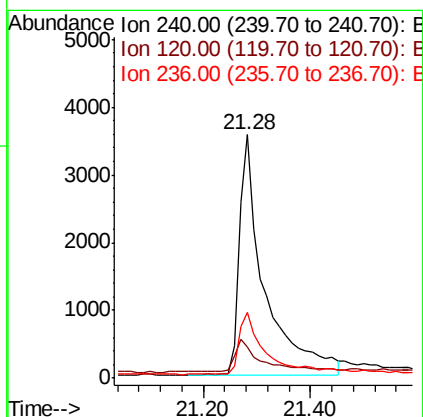
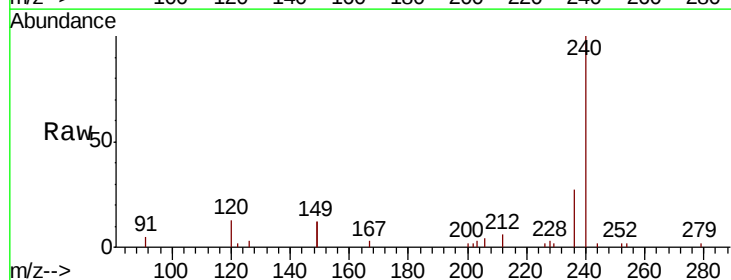
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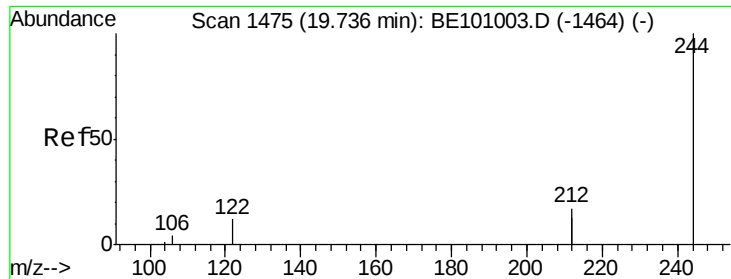
Tot Ion:212 Resp: 52942
 Ion Ratio Lower Upper
 212 100
 106 3.1 2.6 3.8
 104 1.9 1.4 2.0



#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

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





#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

Instrument :

BNA_E

ClientSampleId :

PB126027BL

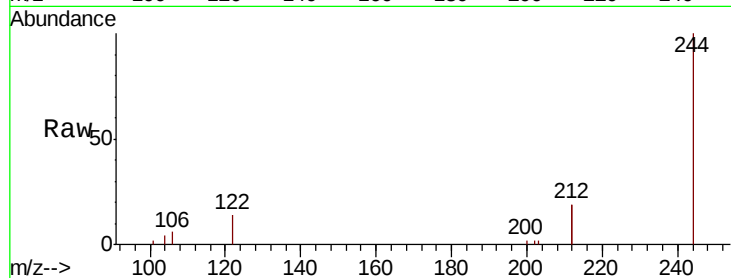
Tot Ion:244 Resp: 9329

Ion Ratio Lower Upper

244 100

212 37.8 27.2 40.8

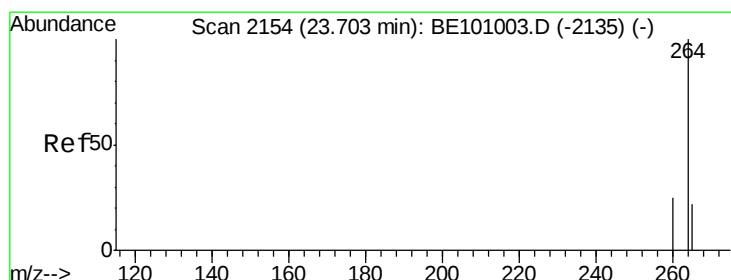
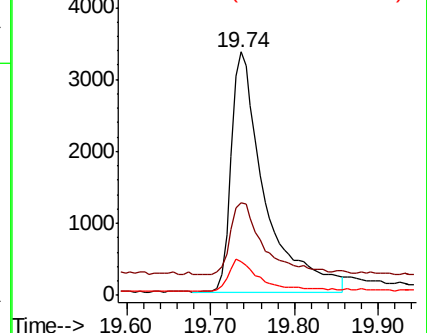
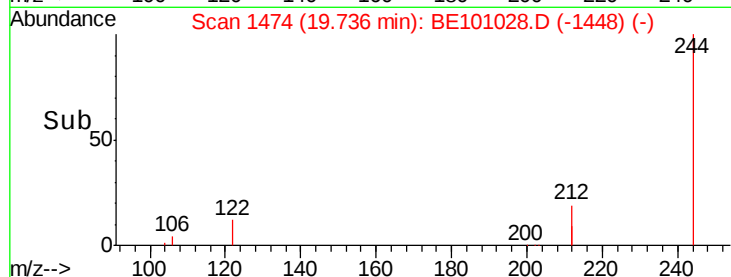
122 13.8 9.8 14.8



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

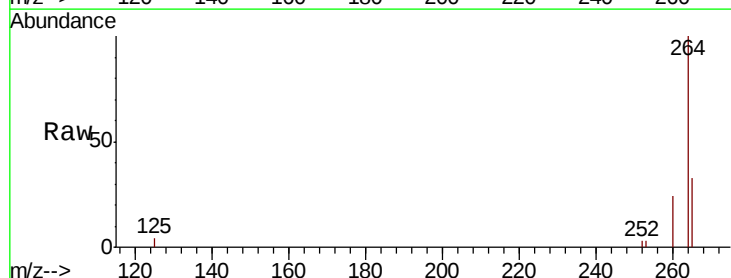
Tgt Ion:264 Resp: 14456

Ion Ratio Lower Upper

264 100

260 24.2 20.3 30.5

265 32.9 27.0 40.4



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

