

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002651.D
 Acq On : 07 Jul 2020 11:11
 Operator : CG/JU
 Sample : PB129929BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129929BL

Quant Time: Jul 07 13:16:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	244710	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	883658	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	520257	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1044538	20.00	ng	0.00
76) Chrysene-d12	21.09	240	955437	20.00	ng	0.00
86) Perylene-d12	23.29	264	1016337	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1262158	87.33	ng	0.00
7) Phenol-d6	6.76	99	1580164	78.33	ng	0.00
23) Nitrobenzene-d5	8.72	82	1475094	86.01	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	578317	91.39	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3179811	89.96	ng	0.00
79) Terphenyl-d14	19.57	244	4063108	91.79	ng	0.00

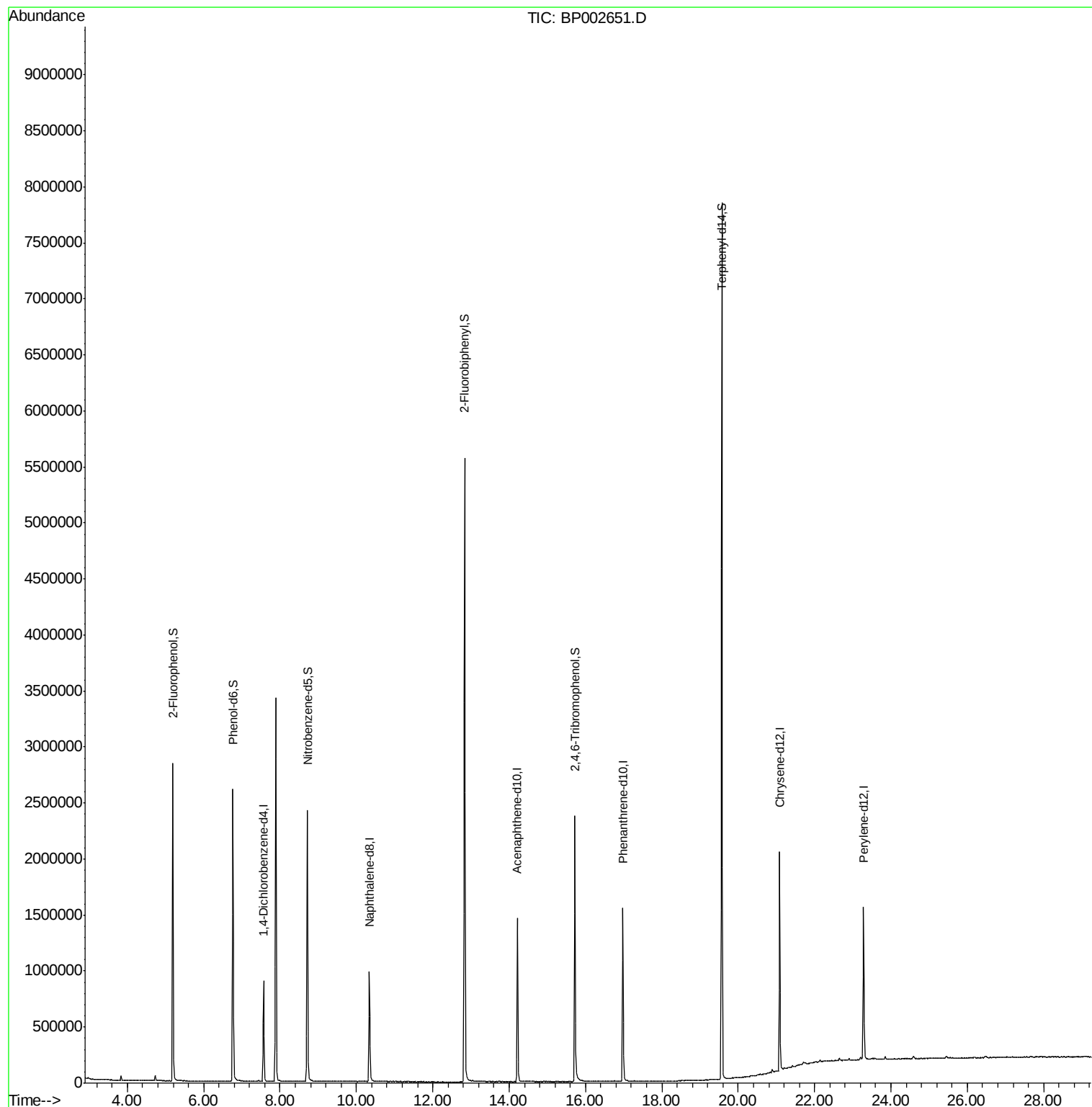
Target Compounds Qvalue

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

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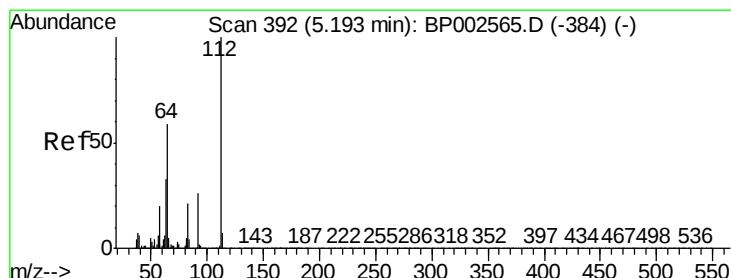
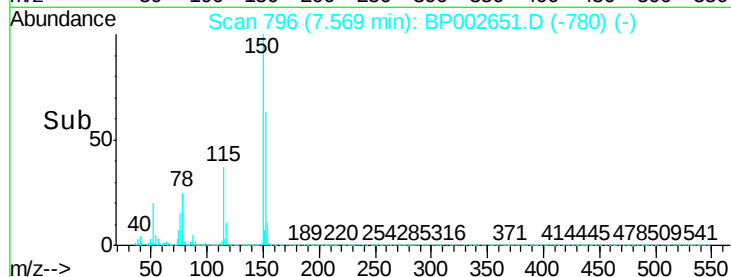
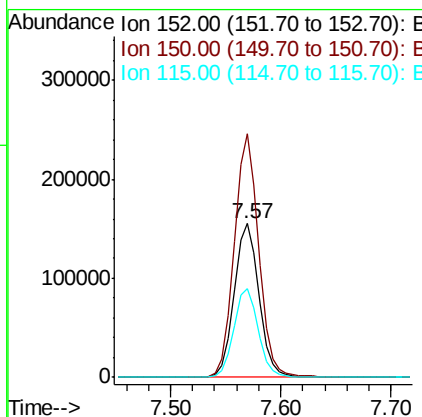
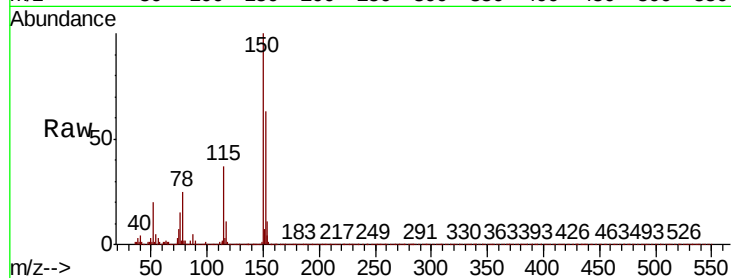


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002651.D
Acq: 07 Jul 2020 11:11

Instrument :
BNA_P
ClientSampleId :
PB129929BL

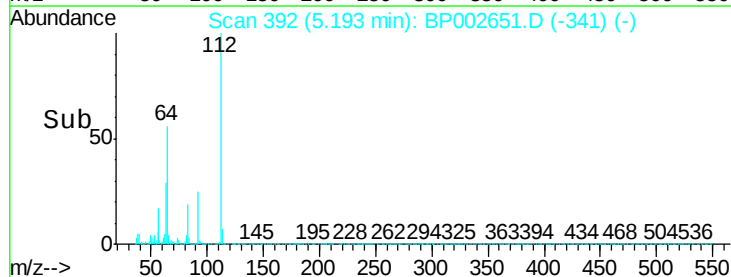
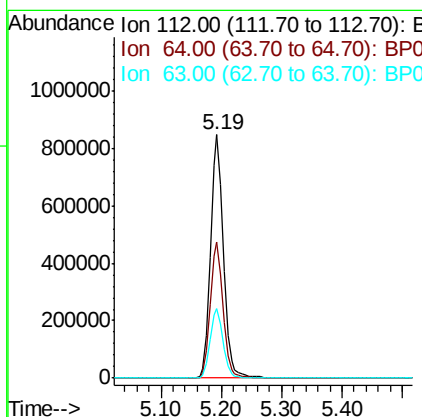
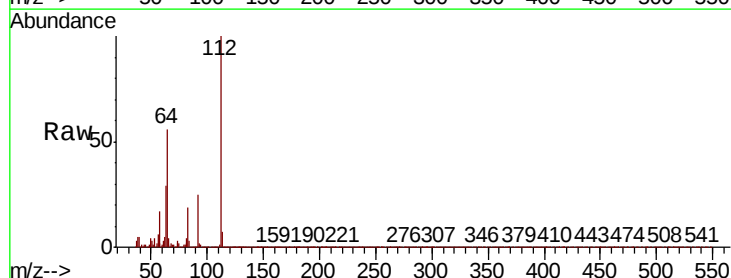
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.2	186.2
115	57.8	47.1	70.7

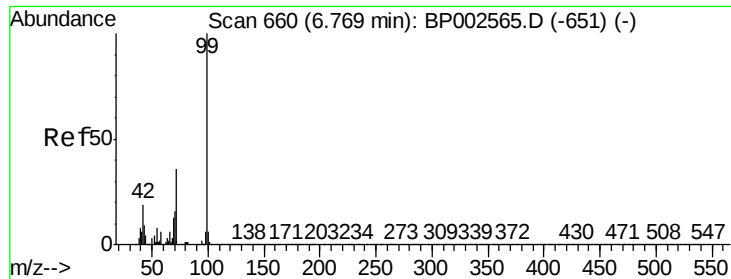


#5

2-Fluorophenol
Concen: 87.327 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002651.D
Acq: 07 Jul 2020 11:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.8	47.0	70.6
63	28.8	26.1	39.1





#7

Phenol-d6

Concen: 78.331 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002651.D

Acq: 07 Jul 2020 11:11

Instrument :

BNA_P

ClientSampleId :

PB129929BL

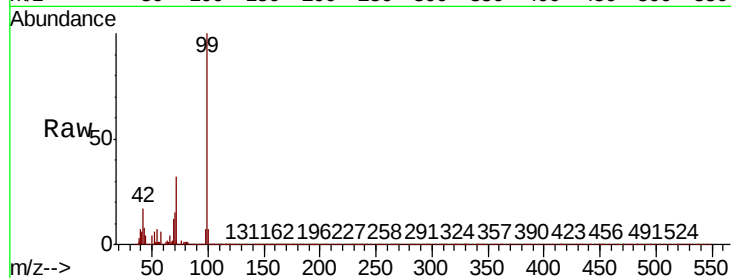
Tot Ion: 99 Resp: 1580164

Ion Ratio Lower Upper

99 100

42 16.6 15.5 23.3

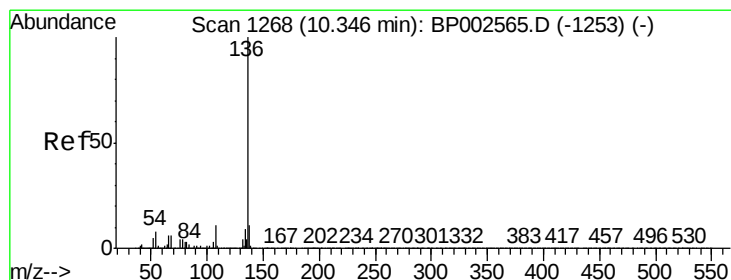
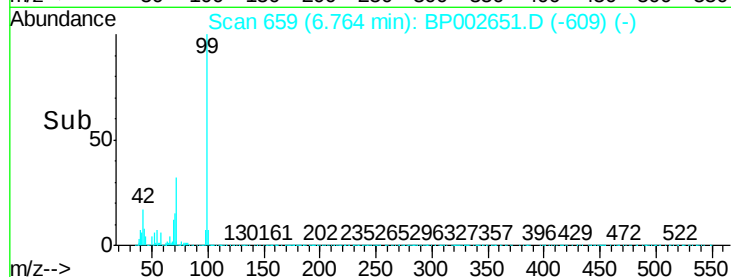
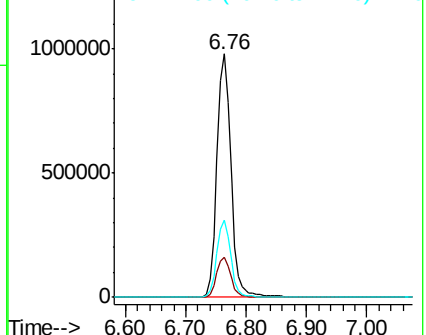
71 31.7 28.9 43.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002651.D

Acq: 07 Jul 2020 11:11

Tgt Ion: 136 Resp: 883658

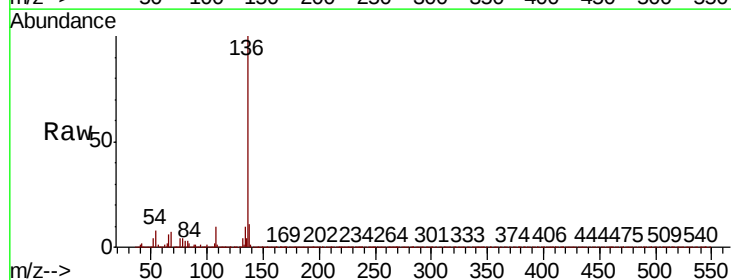
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 6.4 9.6

68 6.6 5.1 7.7

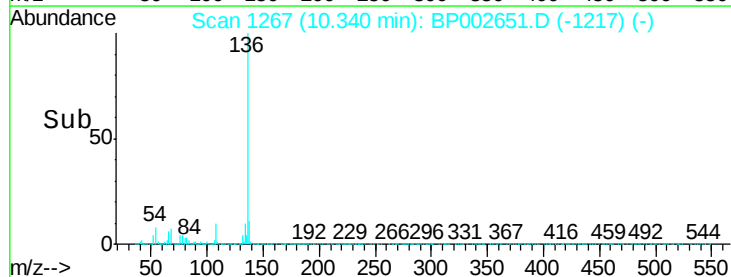
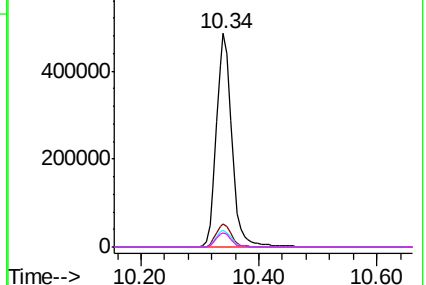


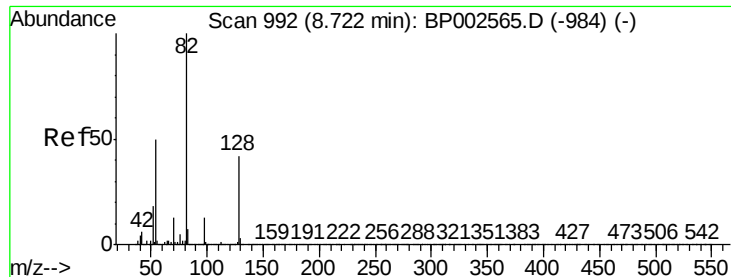
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

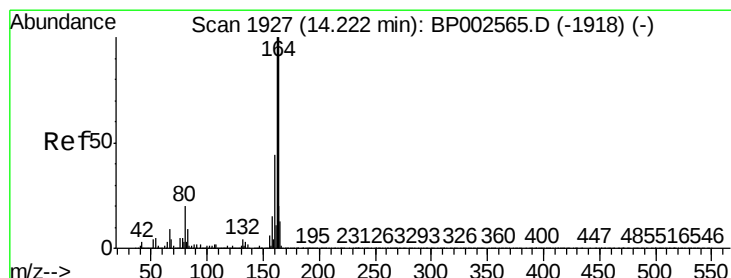
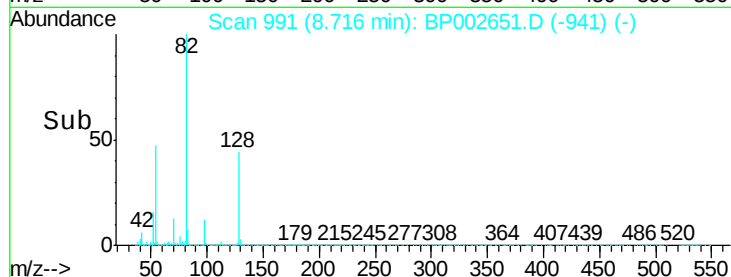
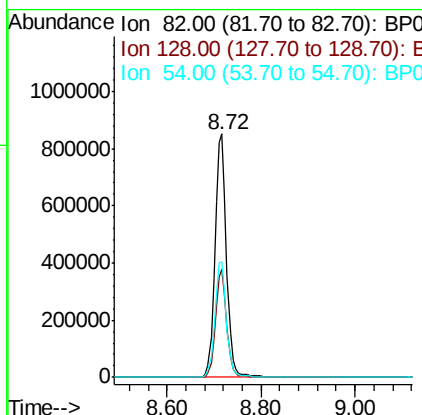
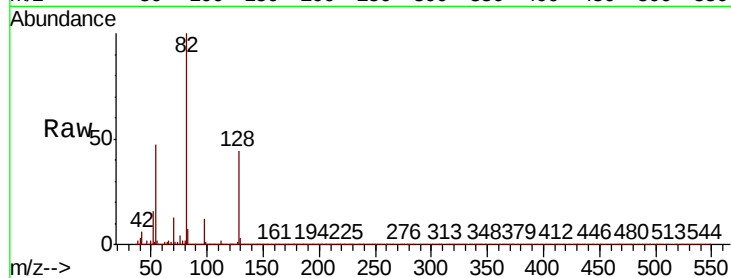




#23
Nitrobenzene-d5
Concen: 86.011 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002651.D
Acq: 07 Jul 2020 11:11

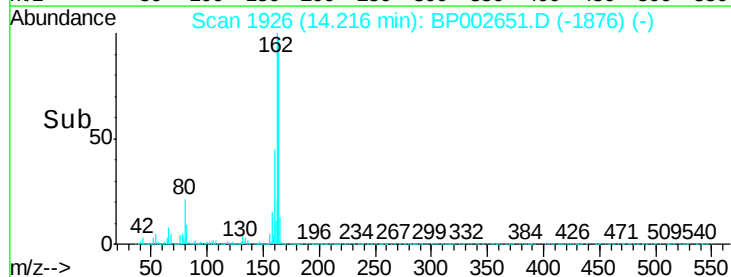
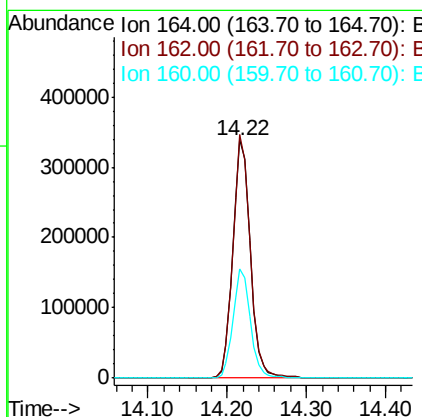
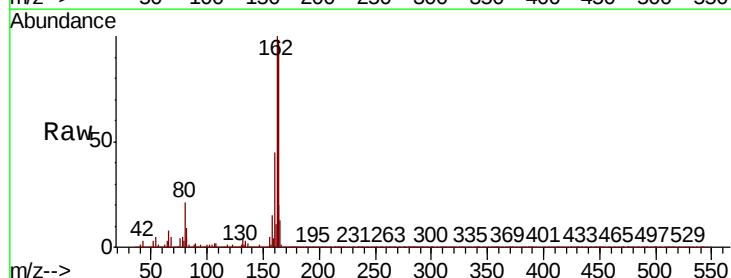
Instrument :
BNA_P
ClientSampled :
PB129929BL

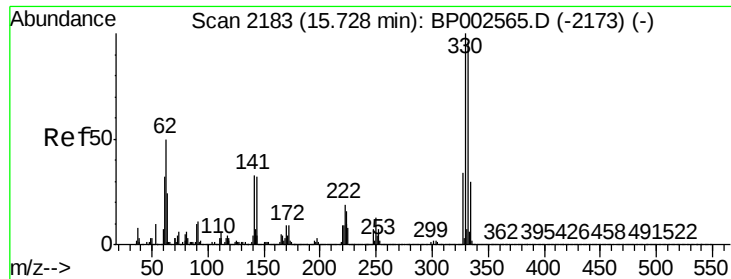
Tot Ion: 82 Resp: 1475094
Ion Ratio Lower Upper
82 100
128 44.3 33.4 50.2
54 47.4 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002651.D
Acq: 07 Jul 2020 11:11

Tgt Ion:164 Resp: 520257
Ion Ratio Lower Upper
164 100
162 102.1 80.3 120.5
160 45.9 35.0 52.6

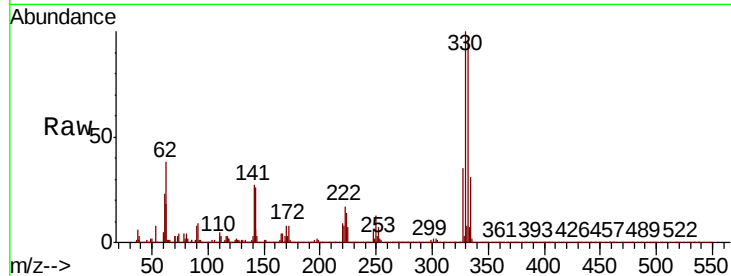




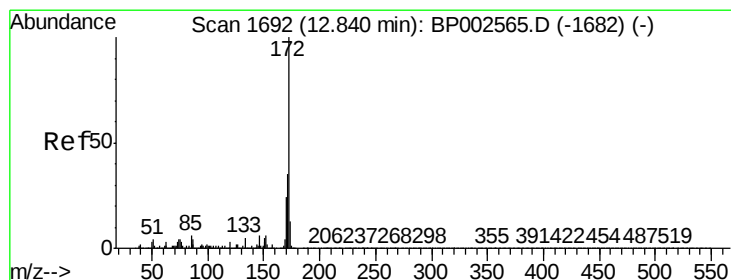
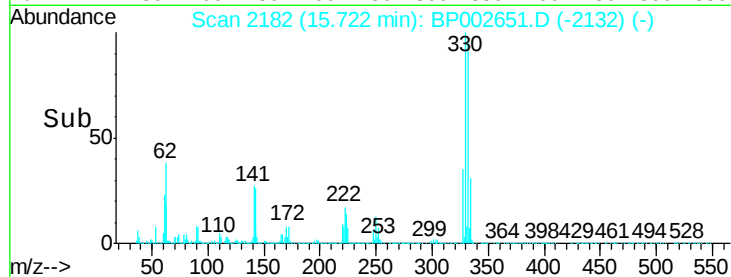
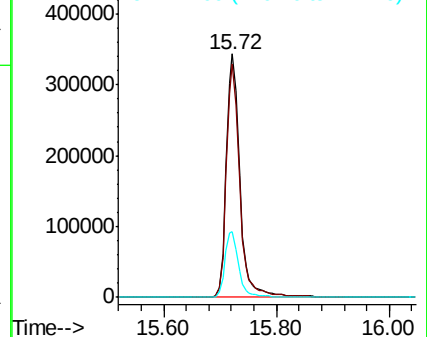
#42
 2,4,6-Tribromophenol
 Concen: 91.393 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002651.D
 Acq: 07 Jul 2020 11:11

Instrument :
 BNA_P
 ClientSampleId :
 PB129929BL

Tot Ion:330 Resp: 578317
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.7 116.5
 141 27.7 29.0 43.6#

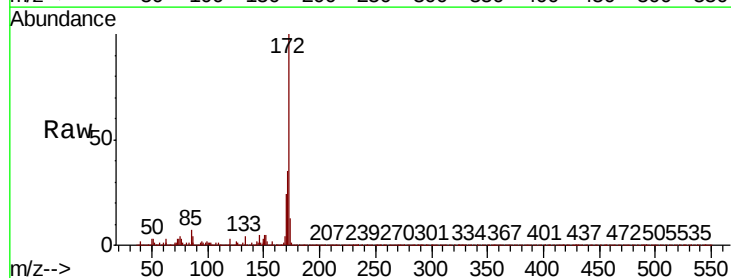


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

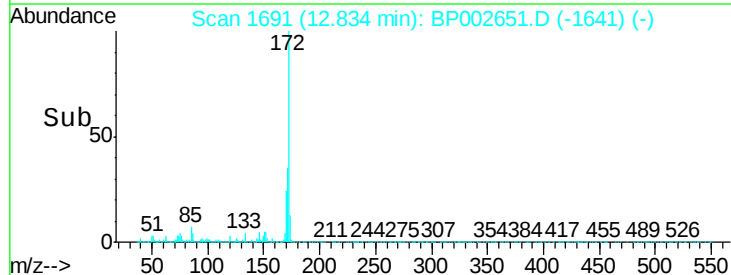
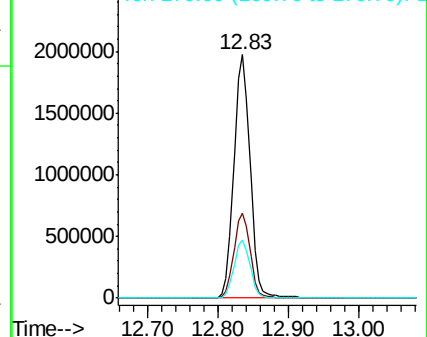


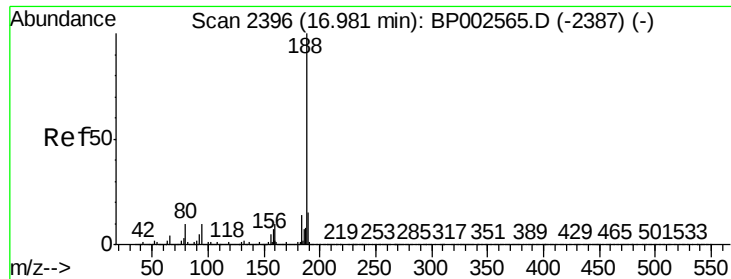
#45
 2-Fluorobiphenyl
 Concen: 89.958 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002651.D
 Acq: 07 Jul 2020 11:11

Tgt Ion:172 Resp: 3179811
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.0 42.0
 170 24.0 19.0 28.4



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

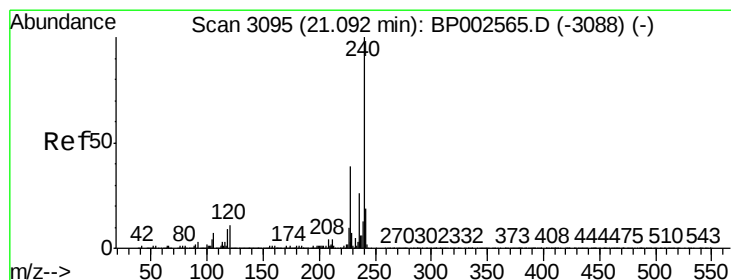
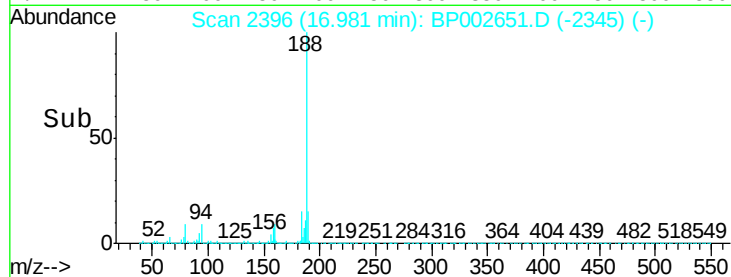
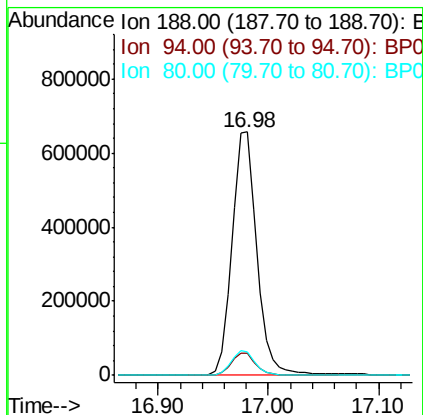
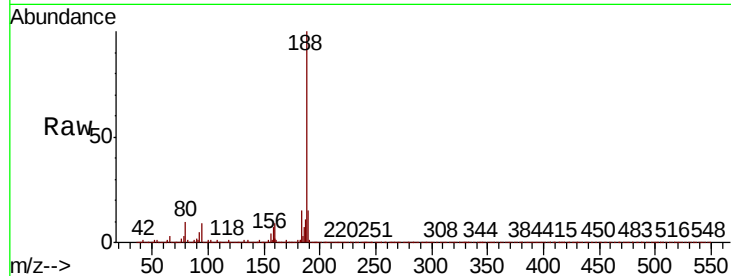




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. 0.00 min
Lab File: BP002651.D
Acq: 07 Jul 2020 11:11

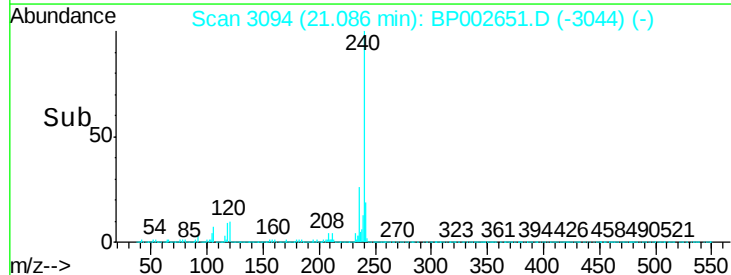
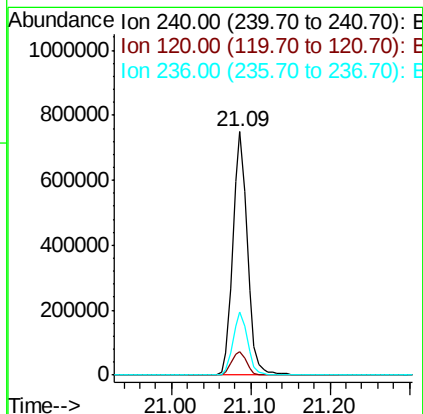
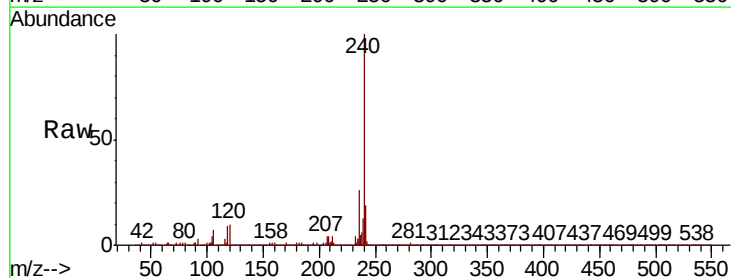
Instrument :
BNA_P
ClientSampleId :
PB129929BL

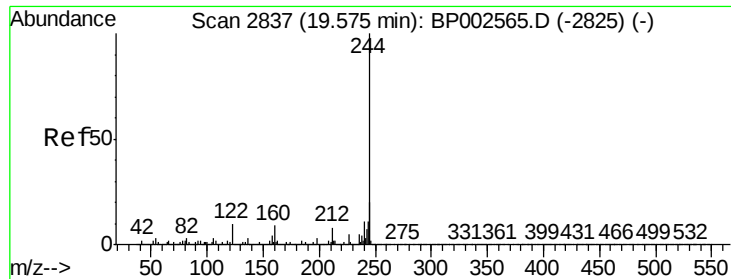
Tot Ion:188 Resp: 1044538
Ion Ratio Lower Upper
188 100
94 8.9 7.8 11.6
80 9.5 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002651.D
Acq: 07 Jul 2020 11:11

Tgt Ion:240 Resp: 955437
Ion Ratio Lower Upper
240 100
120 9.8 8.6 13.0
236 26.1 20.8 31.2





#79

Terphenyl-d14

Concen: 91.792 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002651.D

Acq: 07 Jul 2020 11:11

Instrument :

BNA_P

ClientSampleId :

PB129929BL

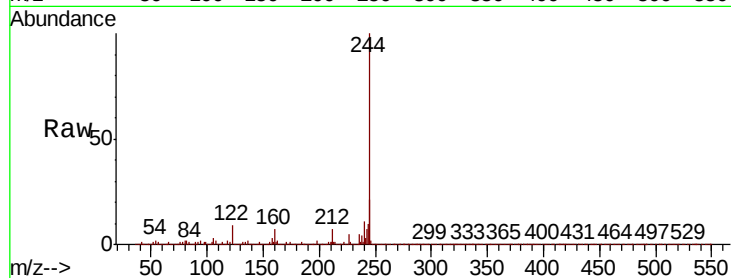
Tot Ion:244 Resp: 4063108

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

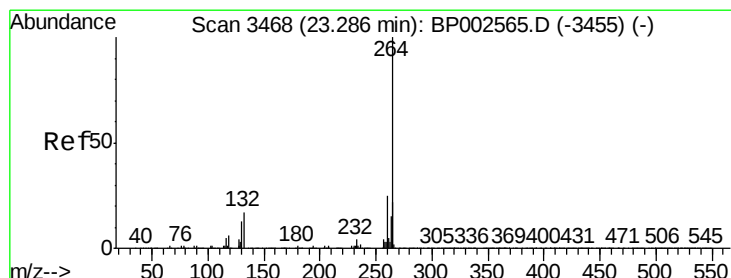
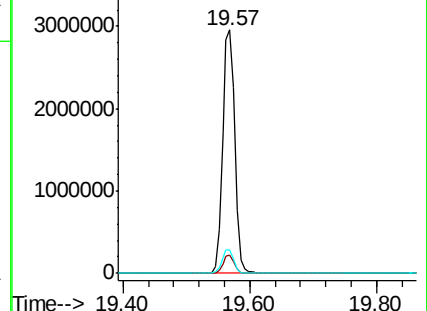
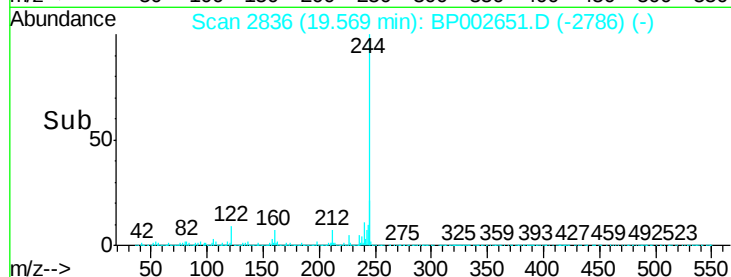
122 9.5 7.9 11.9



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BP002651.D

Acq: 07 Jul 2020 11:11

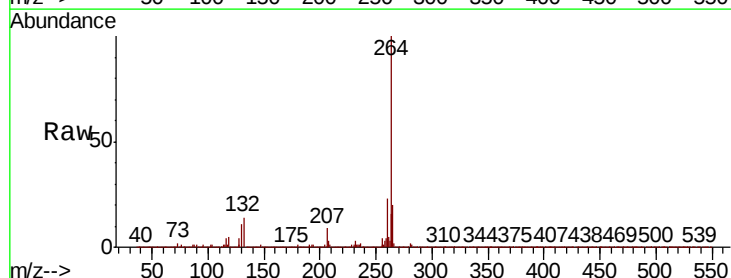
Tgt Ion:264 Resp: 1016337

Ion Ratio Lower Upper

264 100

260 22.8 19.7 29.5

265 20.0 17.6 26.4



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

