

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 13:01:41 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

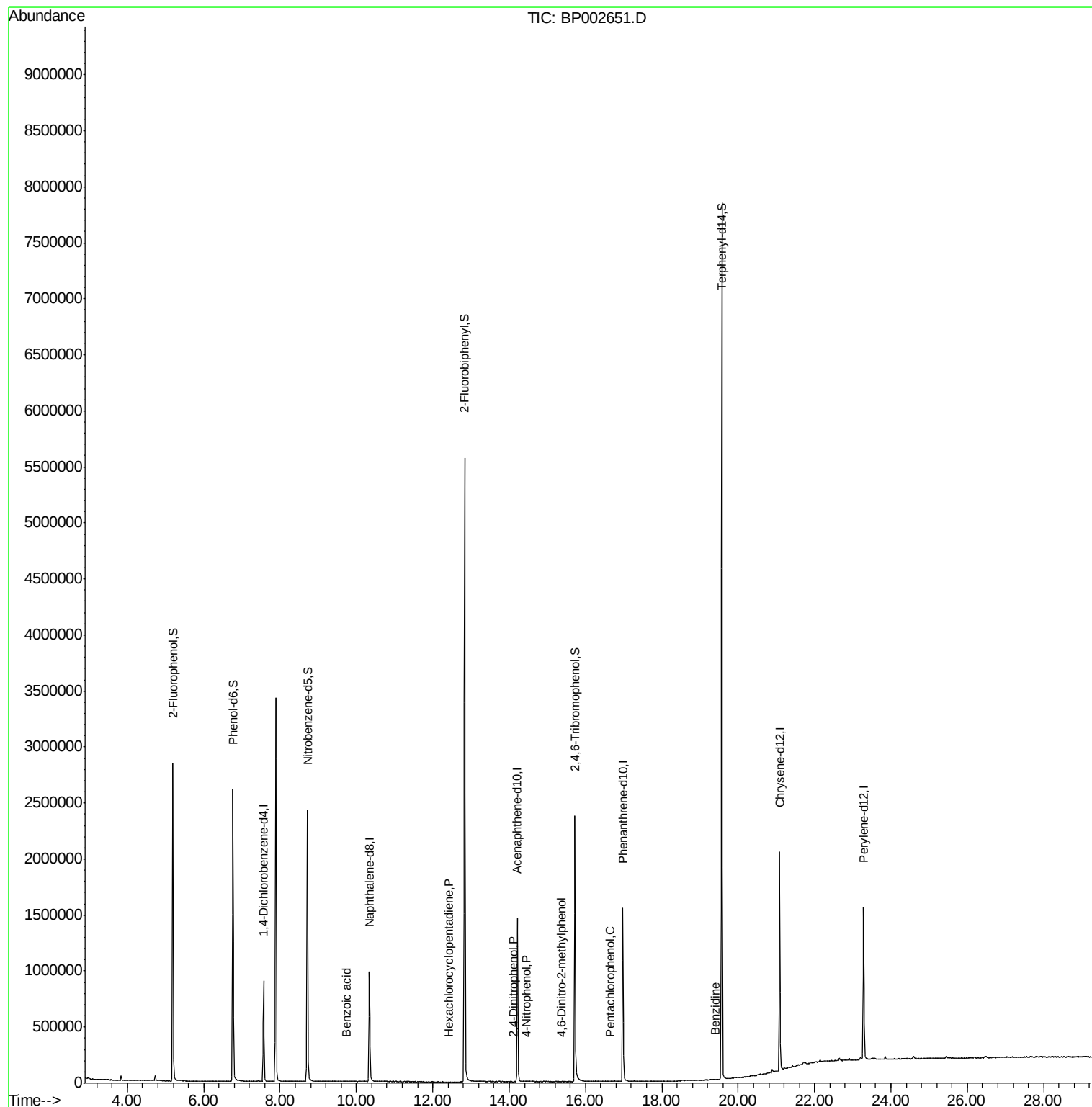
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	244710	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	883658	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	520257	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1044538	20.00	ng	0.00
76) Chrysene-d12	21.09	240	955437	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						
9) Benzaldehyde	6.70	77	184	Below Cal	Qvalue	# 40
32) Benzoic acid	9.73	122	29	8.702 ng	#	1
41) Hexachlorocyclopentadiene	12.41	237	22	4.384 ng		86
54) 2,4-Dinitrophenol	14.10	184	23	6.013 ng		93
56) 4-Nitrophenol	14.45	139	15	2.438 ng	#	80
65) 4,6-Dinitro-2-methylphenol	15.35	198	7	2.711 ng	#	1
70) Pentachlorophenol	16.66	266	28	2.665 ng		88
77) Benzidine	19.40	184	41	3.757 ng		100

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

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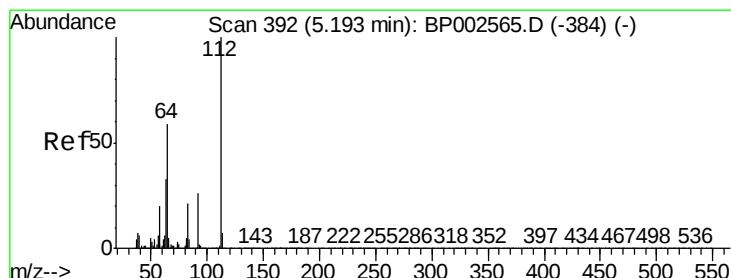
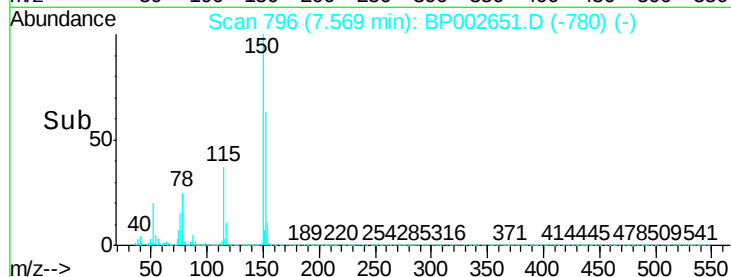
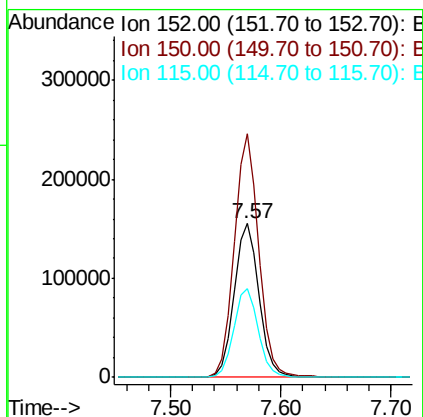
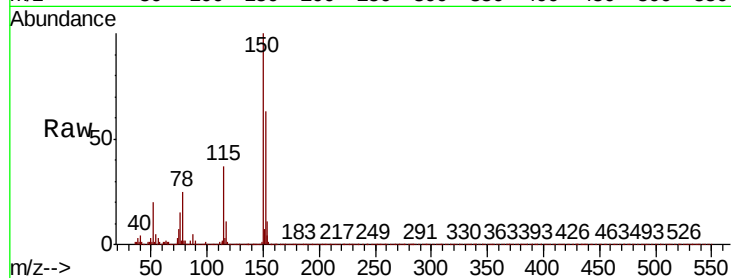


#1

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

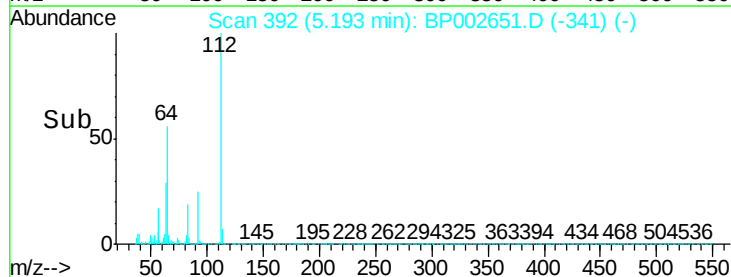
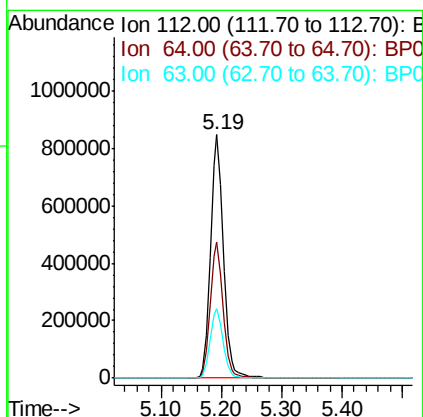
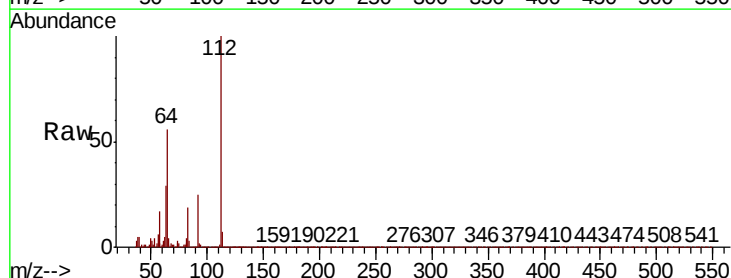
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.2	186.2
115	57.8	47.1	70.7

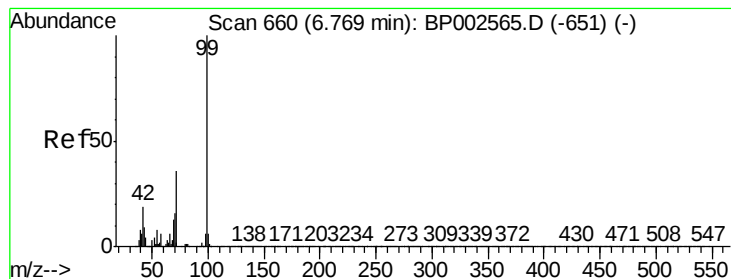


#5

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

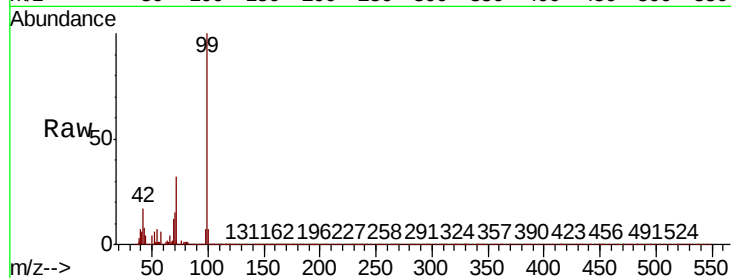
Tot Ion: 99 Resp: 1580164

Ion Ratio Lower Upper

99 100

42 16.6 15.5 23.3

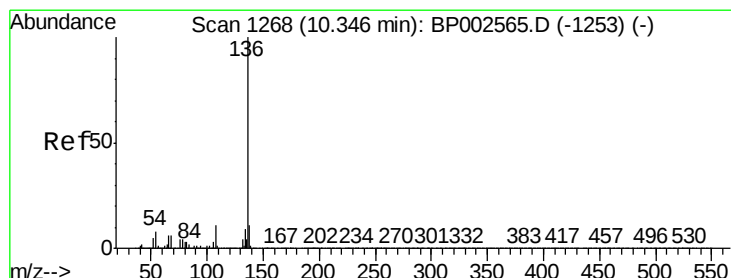
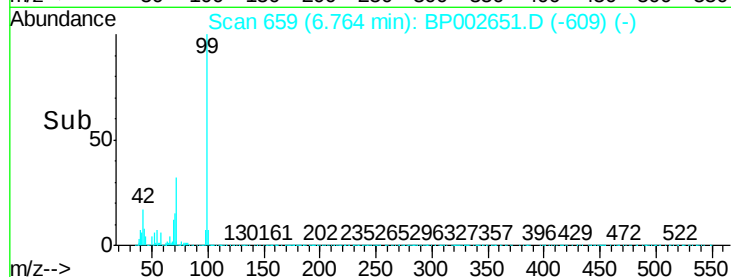
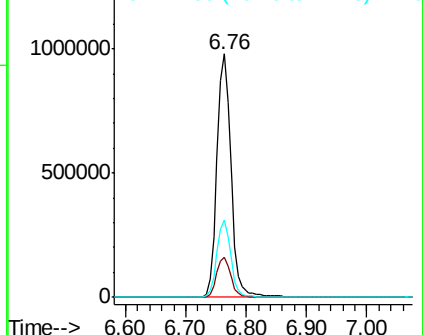
71 31.7 28.9 43.3



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

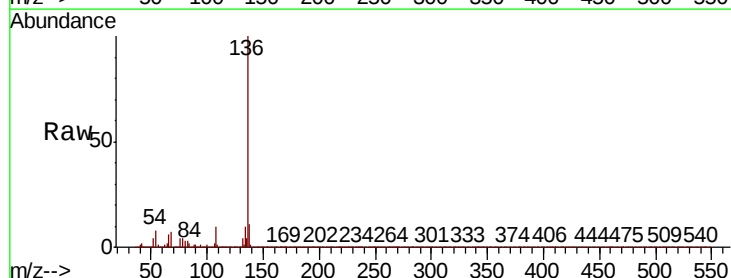
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 8.0 6.4 9.6

68 6.6 5.1 7.7

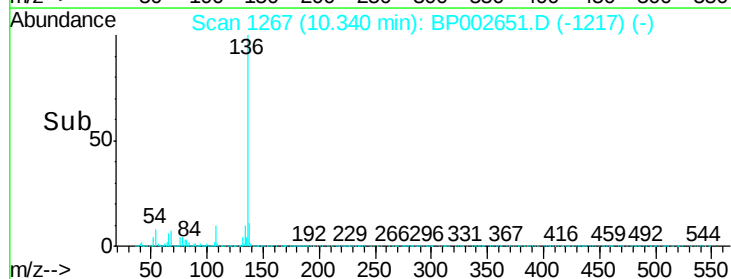
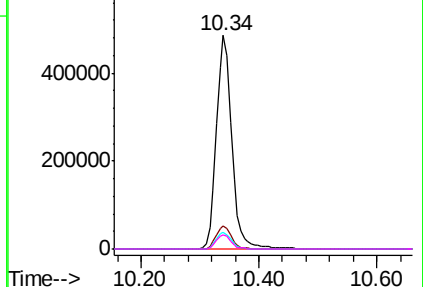


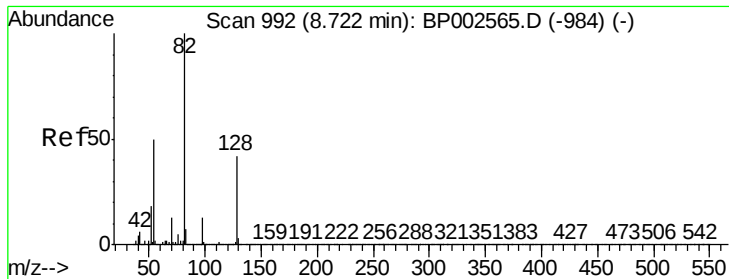
Abundance Ion 136.00 (135.70 to 136.70): E

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

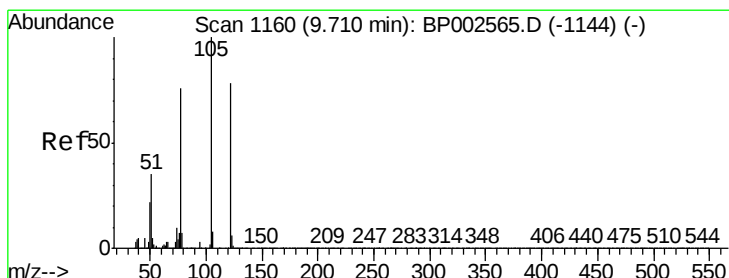
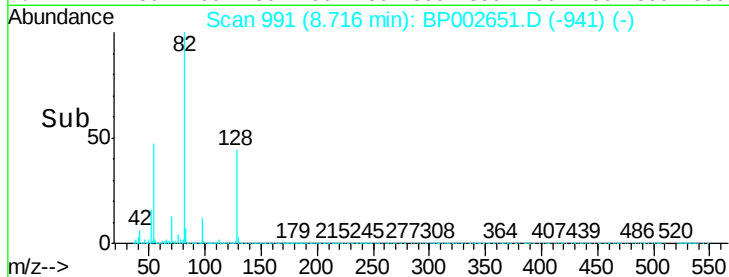
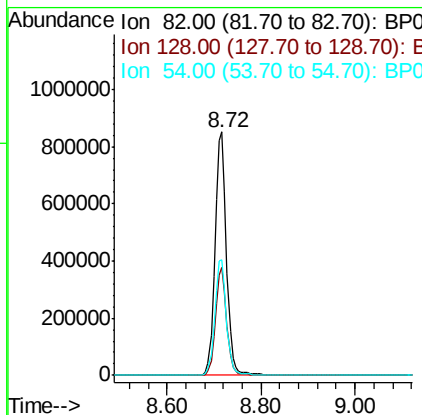
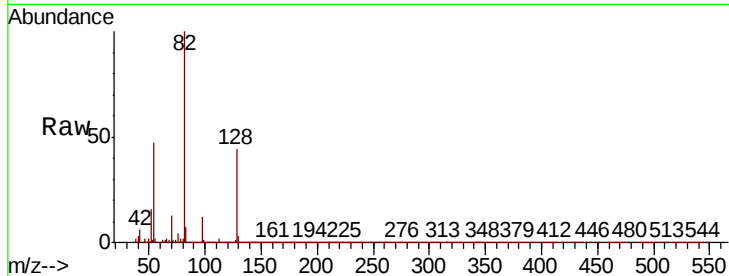




#23
Nitrobenzene-d5
Concen: 86.011 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002651.D
Acq: 07 Jul 2020 11:11

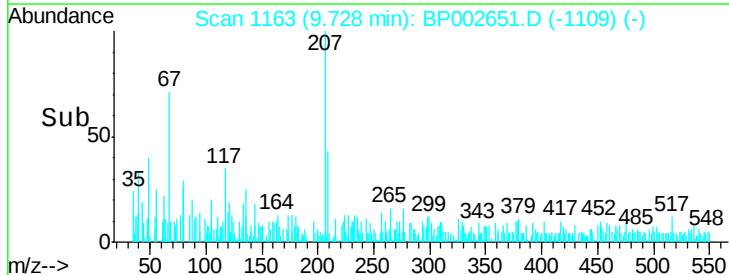
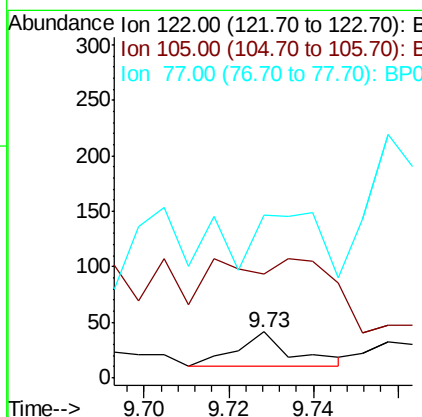
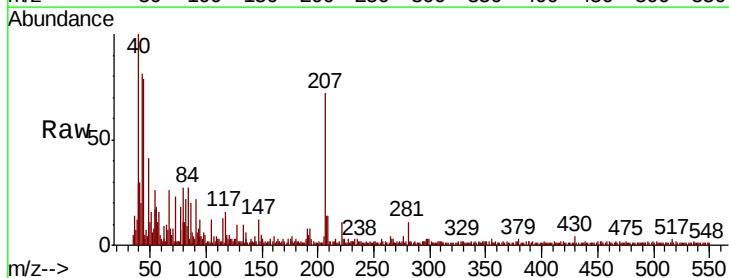
Instrument :
BNA_P
ClientSampled :
PB129929BL

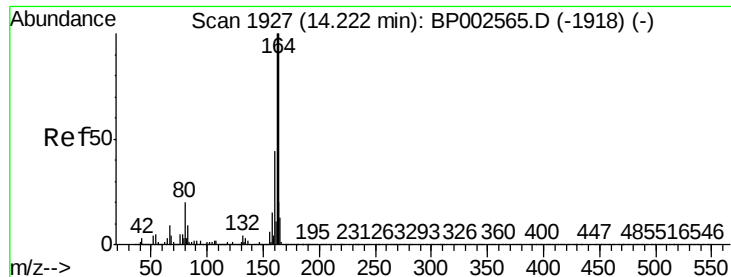
Tot Ion: 82 Resp: 1475094
Ion Ratio Lower Upper
82 100
128 44.3 33.4 50.2
54 47.4 40.1 60.1



#32
Benzoic acid
Concen: 8.702 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BP002651.D
Acq: 07 Jul 2020 11:11

Tgt Ion:122 Resp: 29
Ion Ratio Lower Upper
122 100
105 226.8 106.6 146.6#
77 358.5 76.5 116.5#





#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

Instrument :

BNA_P

ClientSampleId :

PB129929BL

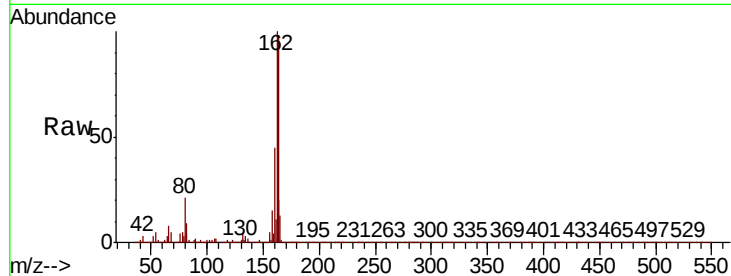
Tot Ion:164 Resp: 520257

Ion Ratio Lower Upper

164 100

162 102.1 80.3 120.5

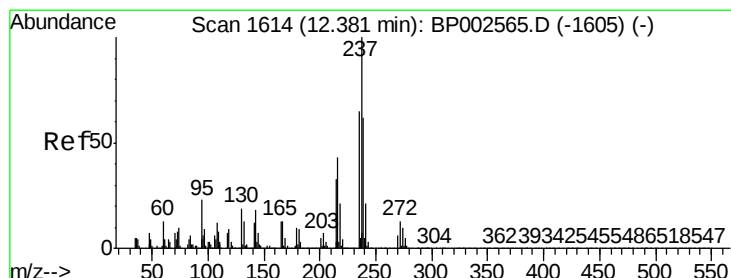
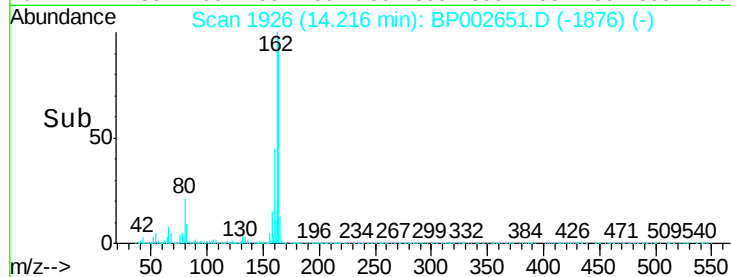
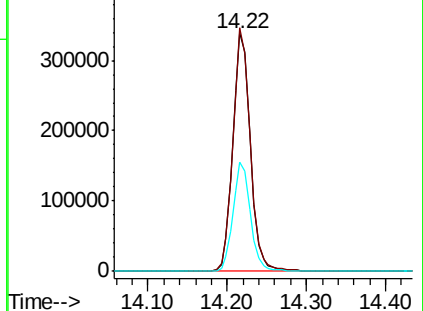
160 45.9 35.0 52.6



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



#41

Hexachlorocyclopentadiene

Concen: 4.384 ng

RT: 12.41 min Scan# 1619

Delta R.T. 0.03 min

Lab File: BP002651.D

Acq: 07 Jul 2020 11:11

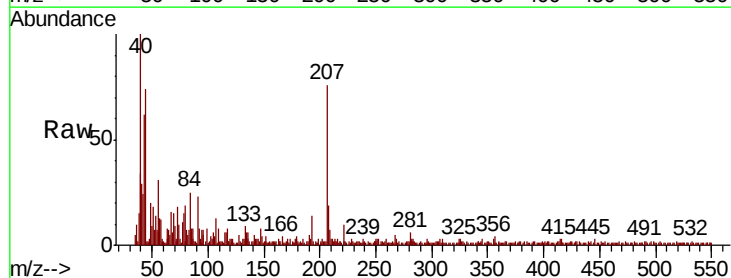
Tgt Ion:237 Resp: 22

Ion Ratio Lower Upper

237 100

235 73.7 45.4 85.4

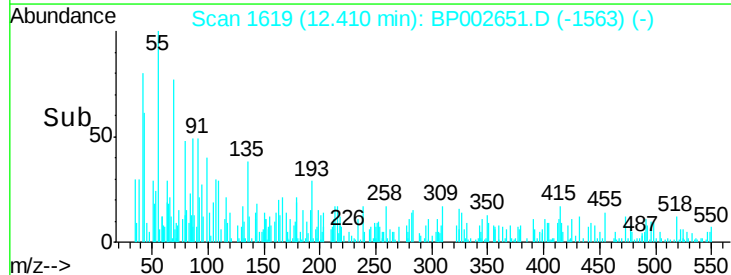
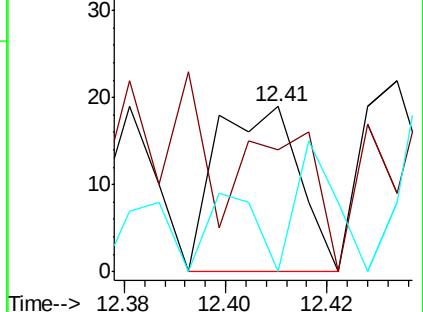
272 0.0 0.0 32.6

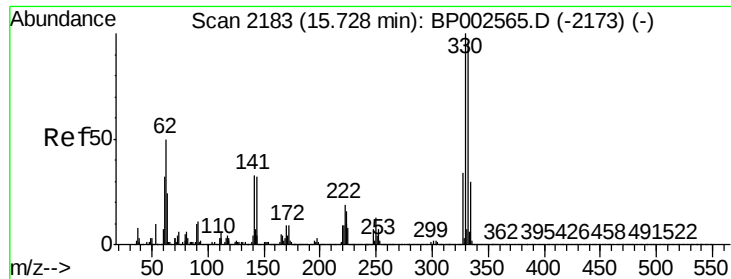


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

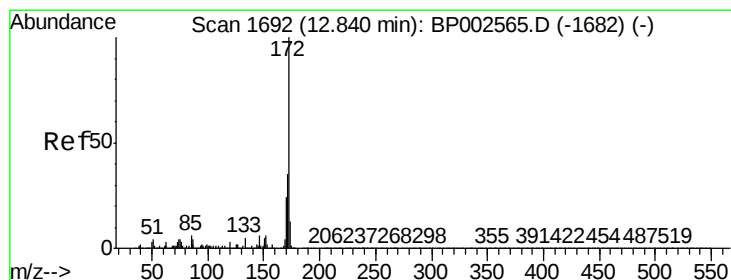
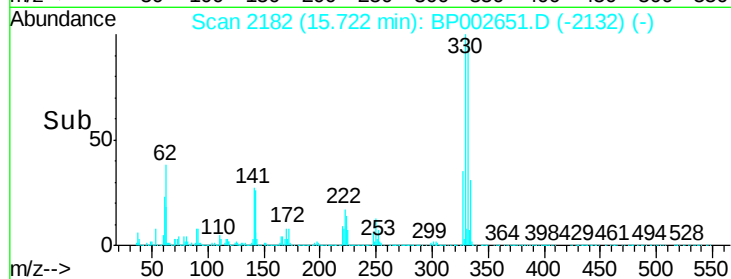
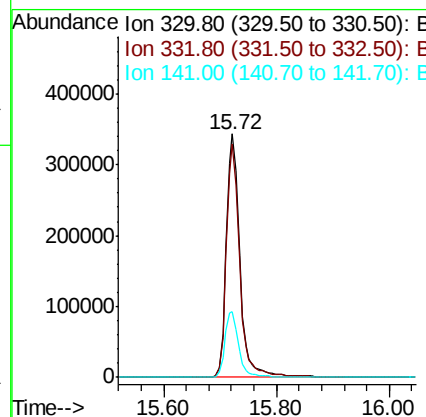
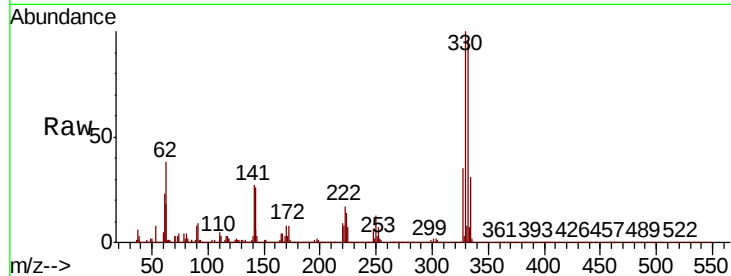




#42
 2,4,6-Tribromophenol
 Concen: 91.393 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002651.D
 Acq: 07 Jul 2020 11:11

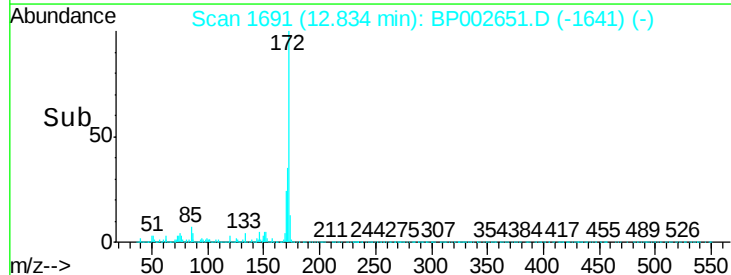
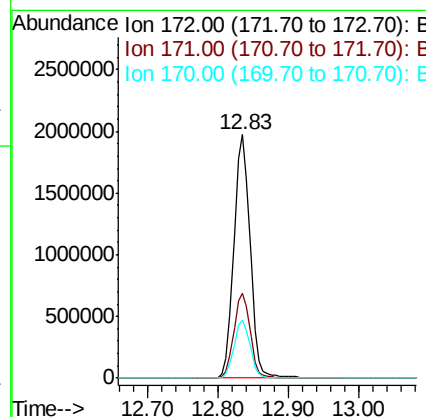
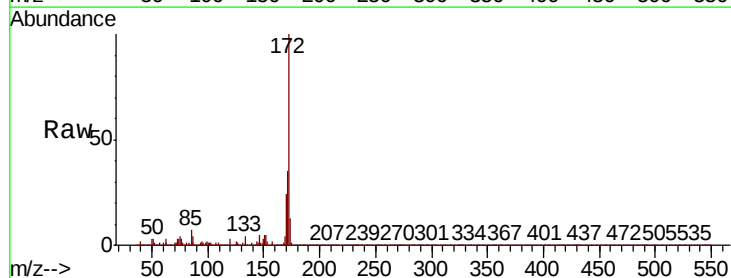
Instrument :
 BNA_P
 ClientSampleId :
 PB129929BL

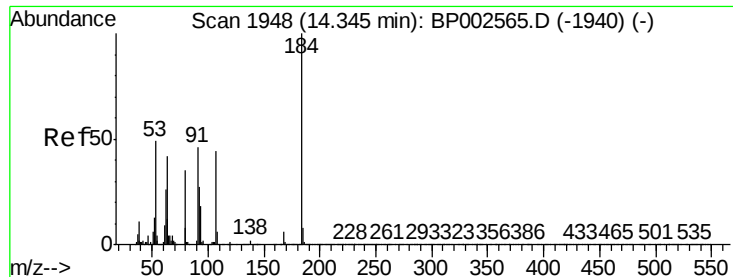
Tot Ion:330 Resp: 578317
 Ion Ratio Lower Upper
 330 100
 332 94.6 77.7 116.5
 141 27.7 29.0 43.6#



#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

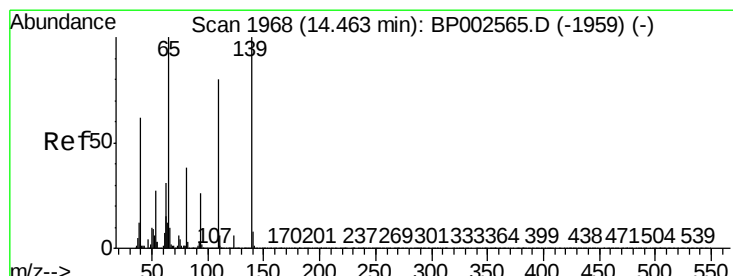
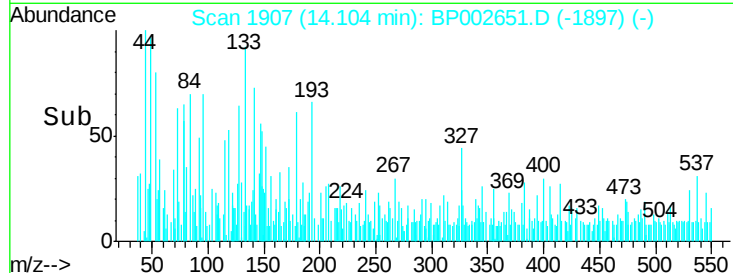
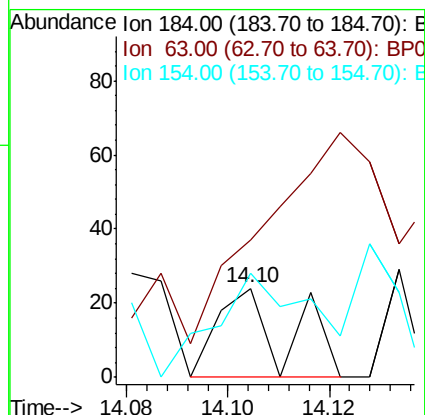
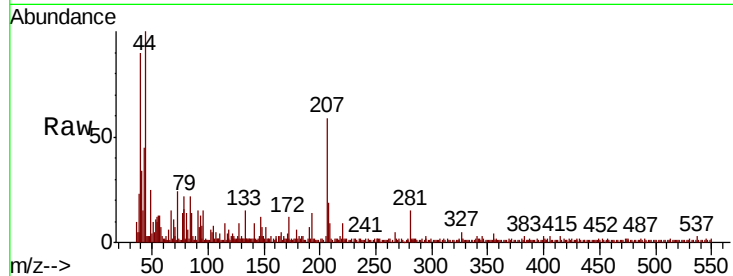




#54
 2,4-Dinitrophenol
 Concen: 6.013 ng
 RT: 14.10 min Scan# 1907
 Delta R.T. -0.24 min
 Lab File: BP002651.D
 Acq: 07 Jul 2020 11:11

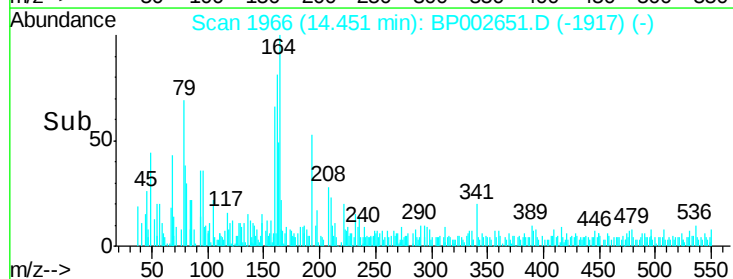
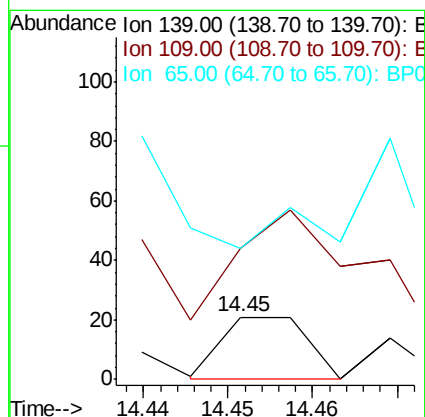
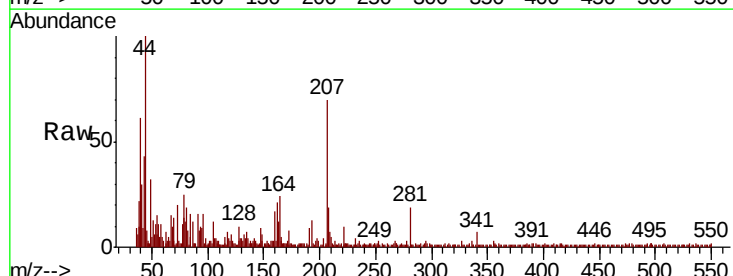
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 ClientSampleId :
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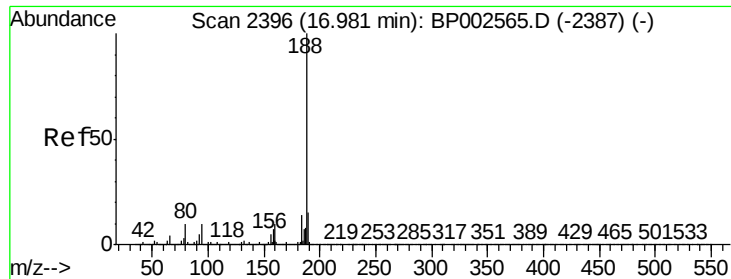
Tot Ion:184 Resp: 23
 Ion Ratio Lower Upper
 184 100
 63 75.5 56.2 84.2
 154 57.1 50.9 76.3



#56
 4-Nitrophenol
 Concen: 2.438 ng
 RT: 14.45 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BP002651.D
 Acq: 07 Jul 2020 11:11

Tgt Ion:139 Resp: 15
 Ion Ratio Lower Upper
 139 100
 109 110.0 60.1 100.1#
 65 110.0 80.3 120.3





#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

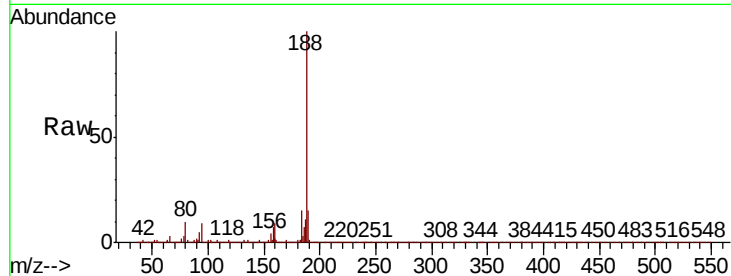
Tot Ion:188 Resp: 1044538

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

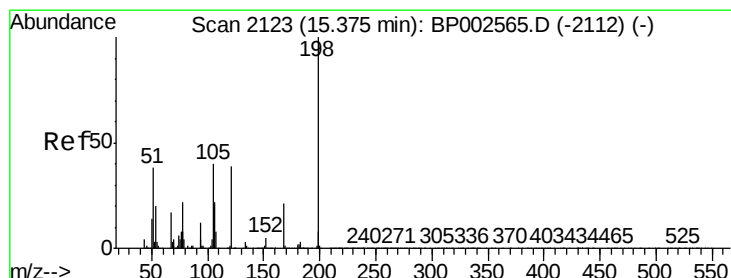
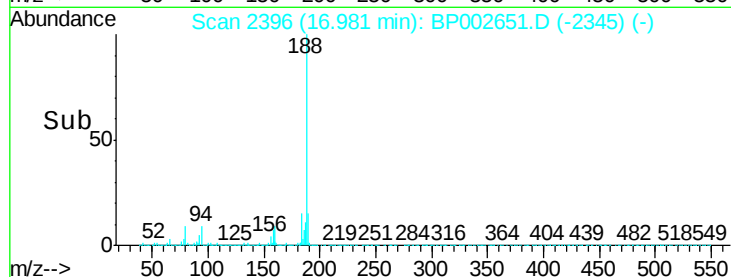
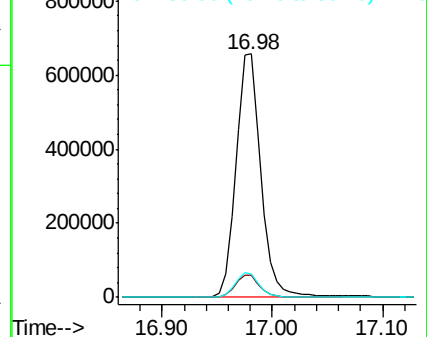
80 9.5 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 2.711 ng

RT: 15.35 min Scan# 2119

Delta R.T. -0.02 min

Lab File: BP002651.D

Acq: 07 Jul 2020 11:11

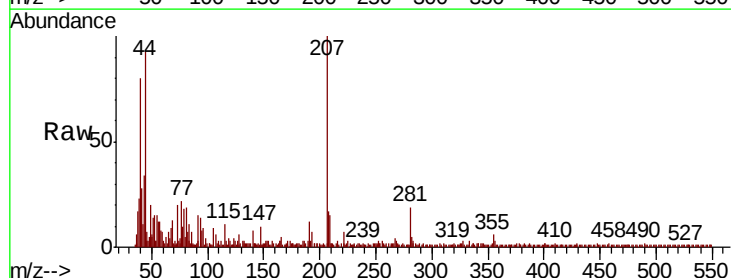
Tgt Ion:198 Resp: 7

Ion Ratio Lower Upper

198 100

51 566.7 24.2 64.2#

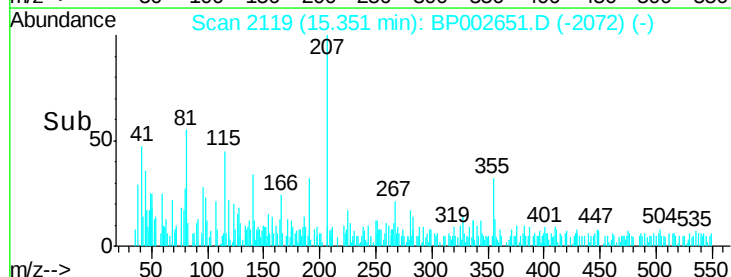
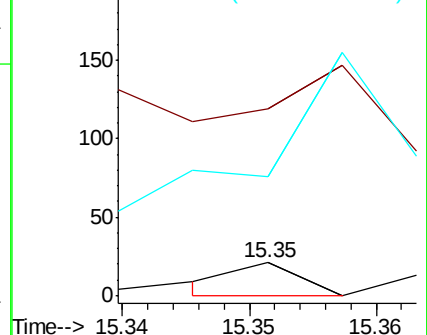
105 361.9 20.7 60.7#

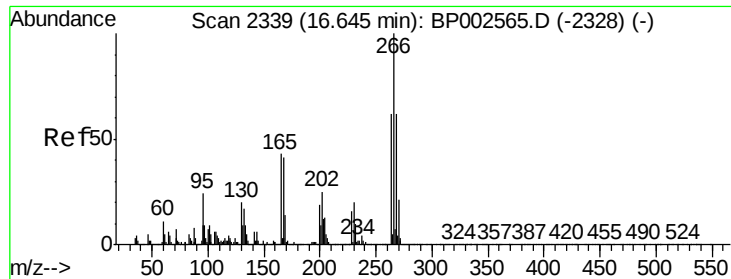


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

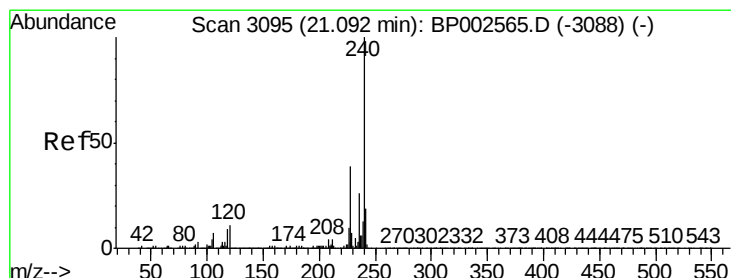
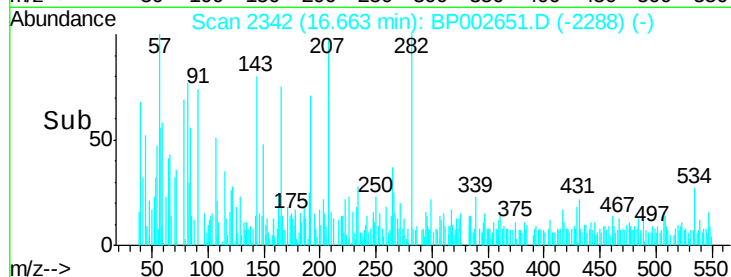
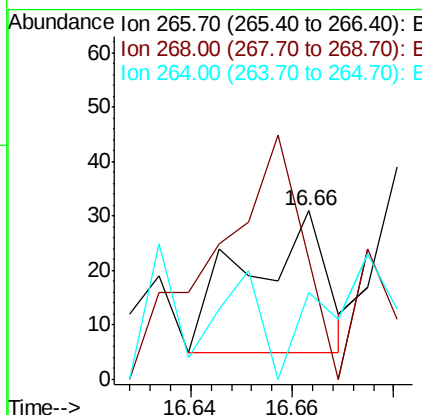
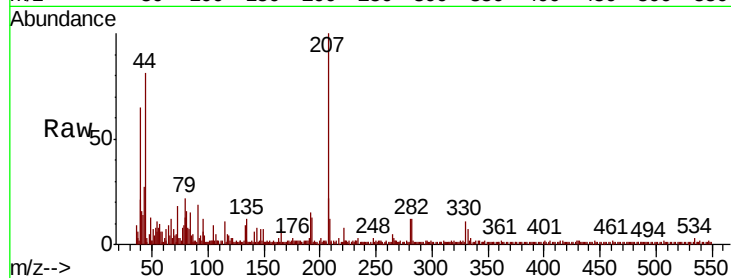




#70
 Pentachlorophenol
 Concen: 2.665 ng
 RT: 16.66 min Scan# 2342
 Delta R.T. 0.02 min
 Lab File: BP002651.D
 Acq: 07 Jul 2020 11:11

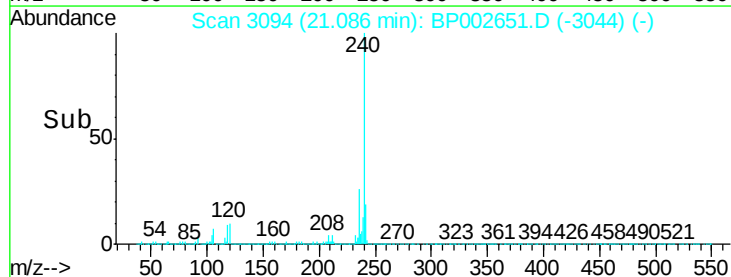
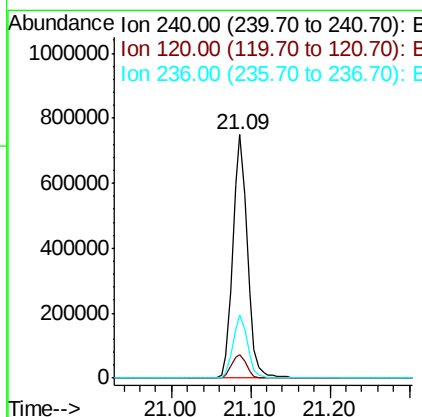
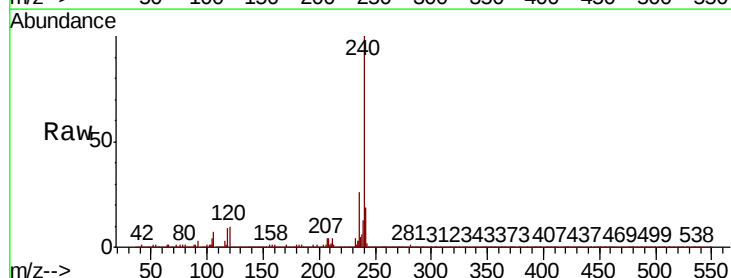
Instrument :
 BNA_P
 ClientSampleId :
 PB129929BL

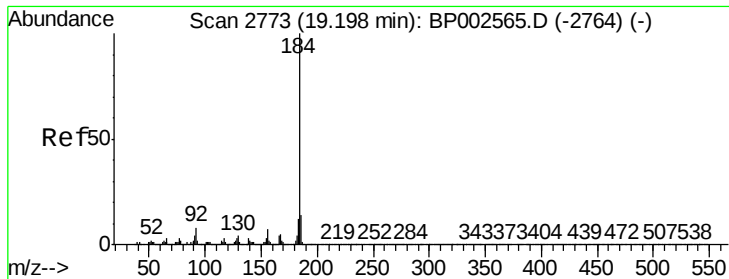
Tot Ion	Ratio	Lower	Upper
266	100		
268	71.0	49.7	74.5
264	51.6	49.3	73.9



#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	Ratio	Lower	Upper
240	100		
120	9.8	8.6	13.0
236	26.1	20.8	31.2





#77

Benzidine

Concen: 3.757 ng

RT: 19.40 min Scan# 2808

Delta R.T. 0.21 min

Lab File: BP002651.D

Acq: 07 Jul 2020 11:11

Instrument :

BNA_P

ClientSampleId :

PB129929BL

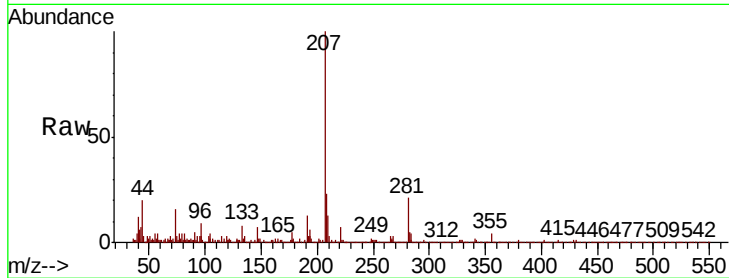
Tot Ion:184 Resp: 41

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

183 11.1 9.2 13.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

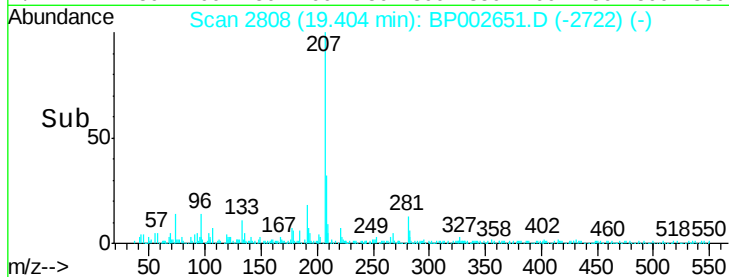
19.40

100

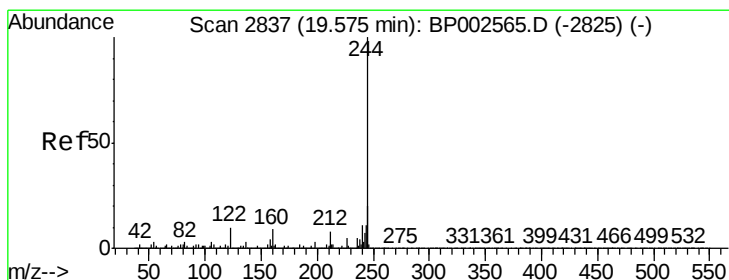
50

0

19.39 19.40 19.41 19.42



Time-->



#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

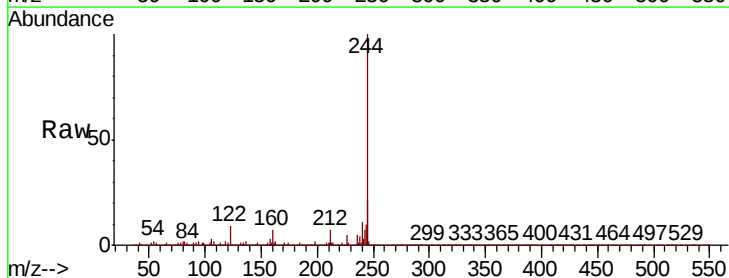
Tgt Ion:244 Resp: 4063108

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

19.57

4000000

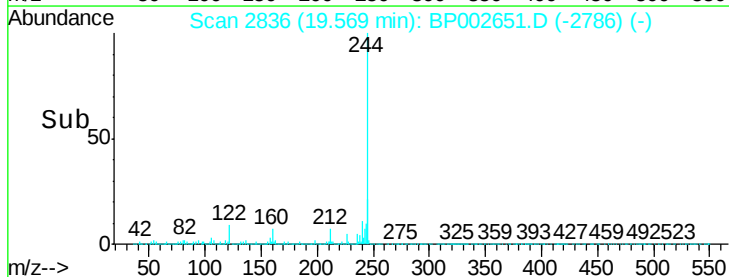
3000000

2000000

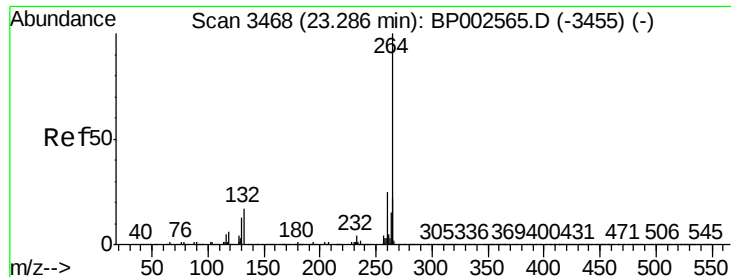
1000000

0

19.40 19.60 19.80



Time-->



#86
Pervlene-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

Instrument :
BNA_P
ClientSampleId :
PB129929BL

Tot Ion:264 Resp: 1016337

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.7	29.5
265	20.0	17.6	26.4

