

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002652.D
 Acq On : 07 Jul 2020 11:45
 Operator : CG/JU
 Sample : PB129955BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129955BL

Quant Time: Jul 07 13:01:58 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

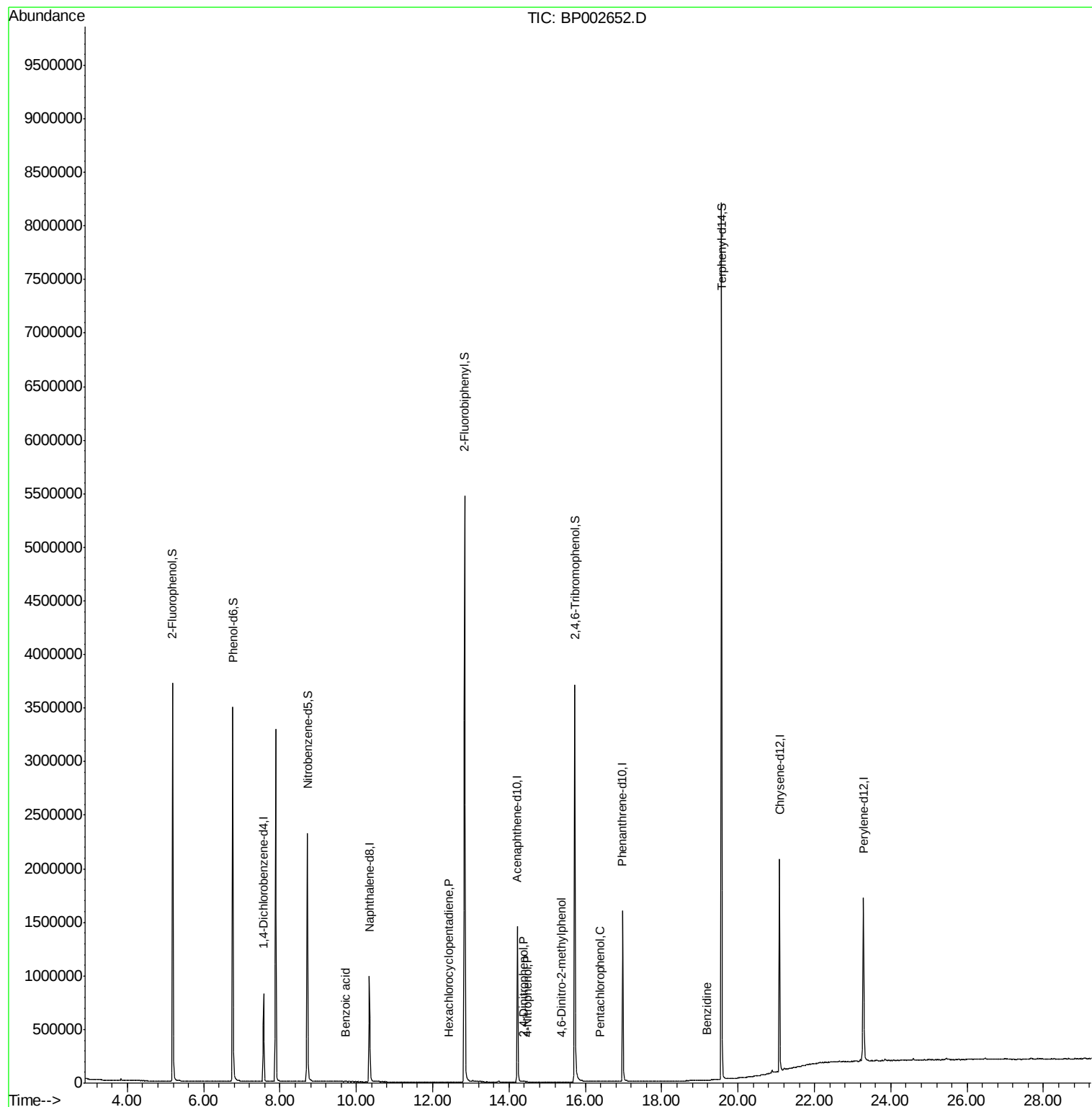
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	234983	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	875962	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	528346	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1073915	20.00	ng	0.00
76) Chrysene-d12	21.09	240	991635	20.00	ng	0.00
86) Perylene-d12	23.28	264	1134782	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1702478	122.67	ng	0.00
7) Phenol-d6	6.76	99	2178351	112.45	ng	0.00
23) Nitrobenzene-d5	8.72	82	1418071	83.41	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	896868	139.56	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3173976	88.42	ng	0.00
79) Terphenyl-d14	19.57	244	4289578	93.37	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	162	Below Cal		Qvalue # 46
32) Benzoic acid	9.71	122	23	8.701 ng	#	1
41) Hexachlorocyclopentadiene	12.42	237	25	4.384 ng	#	76
54) 2,4-Dinitrophenol	14.37	184	32	6.014 ng	#	74
56) 4-Nitrophenol	14.47	139	10	2.437 ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.37	198	24	2.713 ng	#	1
70) Pentachlorophenol	16.39	266	26	2.665 ng		88
77) Benzidine	19.19	184	30	3.757 ng	#	53

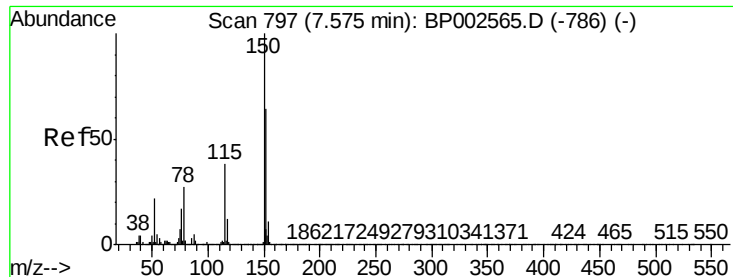
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
Data File : BP002652.D
Acq On : 07 Jul 2020 11:45
Operator : CG/JU
Sample : PB129955BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Quant Time: Jul 07 13:01:58 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



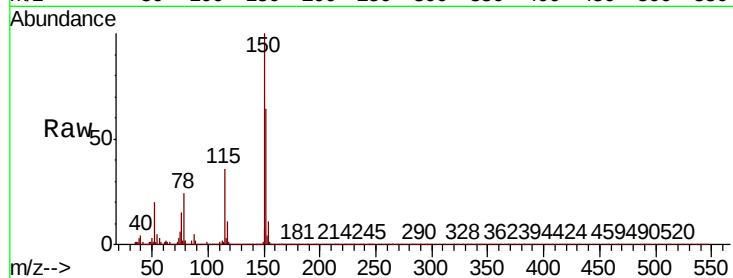


#1

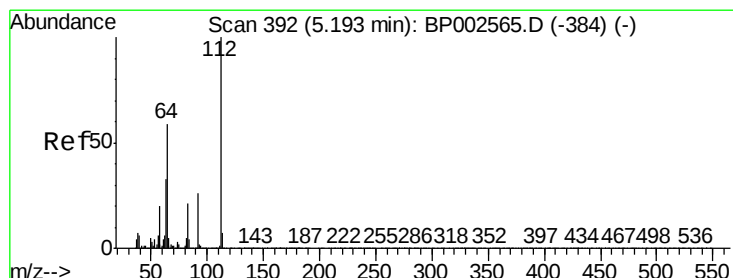
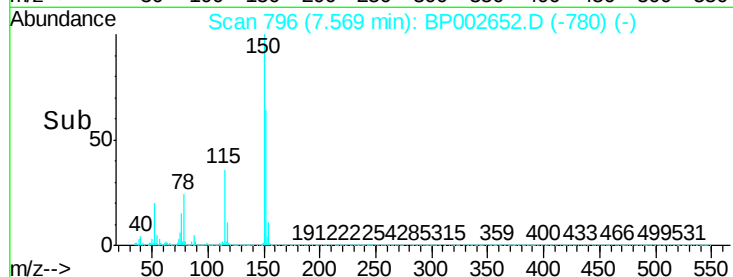
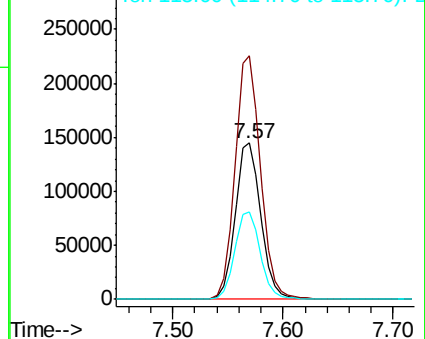
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.2	186.2
115	55.7	47.1	70.7



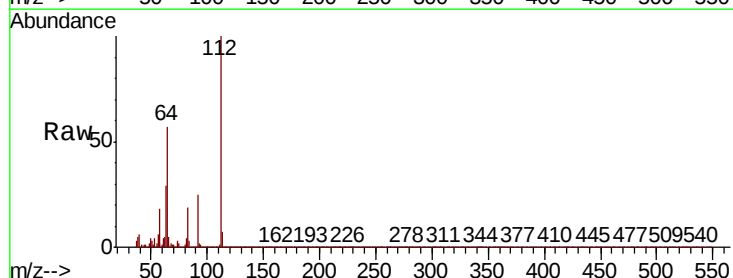
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



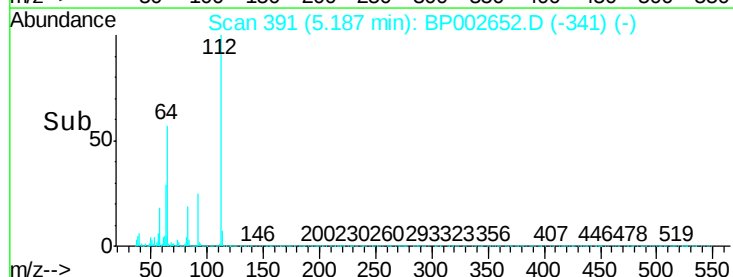
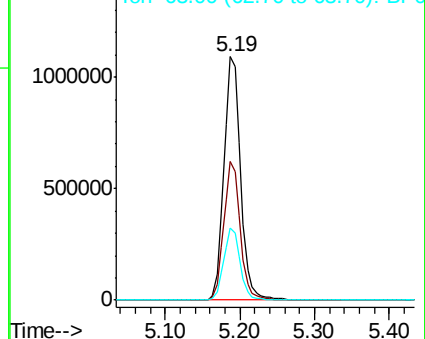
#5

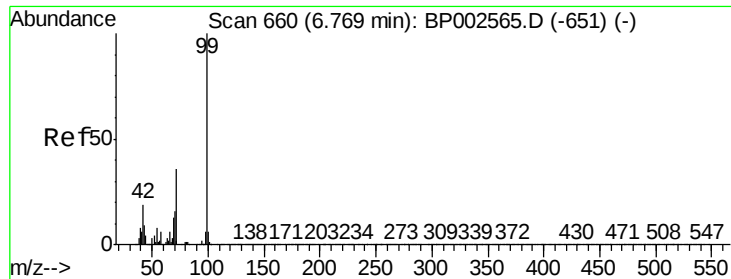
2-Fluorophenol
Concen: 122.668 ng
RT: 5.19 min Scan# 391
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.0	70.6
63	29.4	26.1	39.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 112.453 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

Instrument :

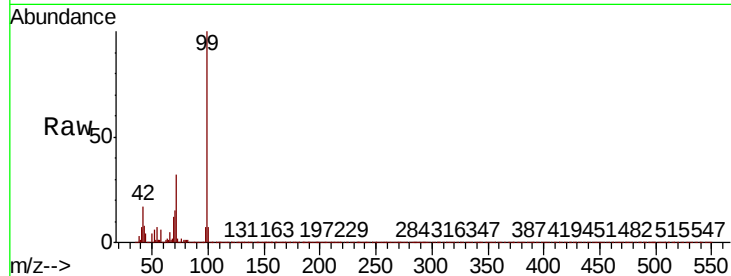
BNA_P

ClientSampleId :

PB129955BL

Tot Ion: 99 Resp: 2178351

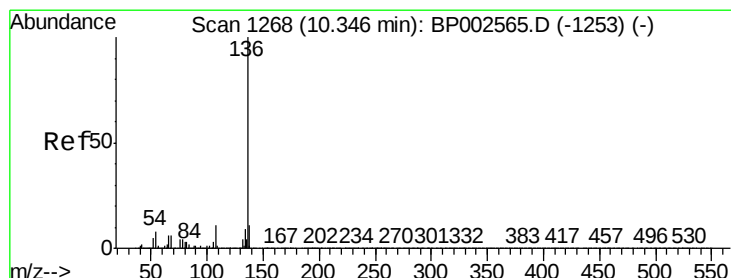
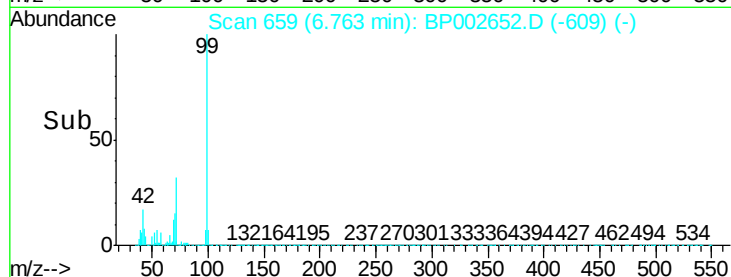
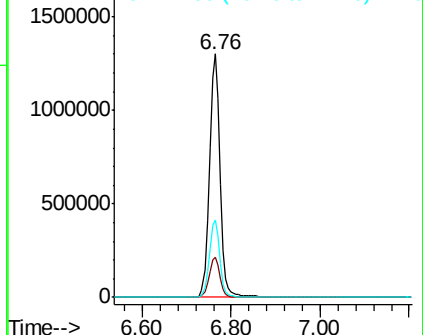
Ion	Ratio	Lower	Upper
99	100		
42	16.7	15.5	23.3
71	31.9	28.9	43.3



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

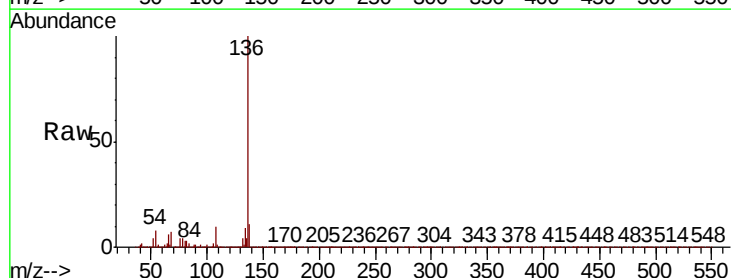
Delta R.T. -0.01 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

Tgt Ion: 136 Resp: 875962

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.0	6.4	9.6
68	6.6	5.1	7.7

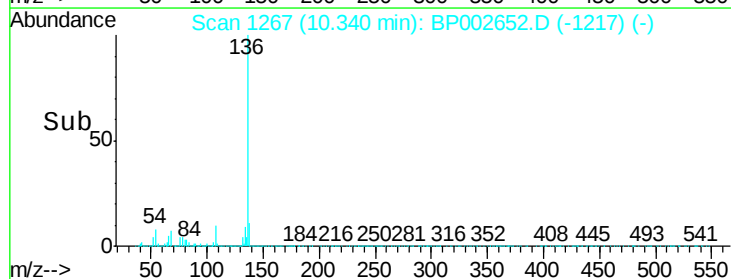
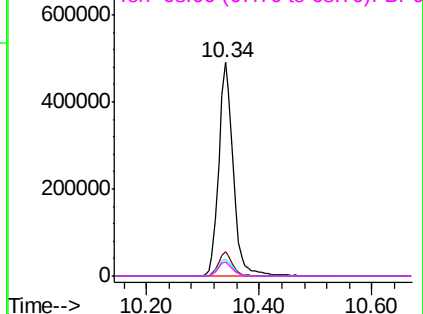


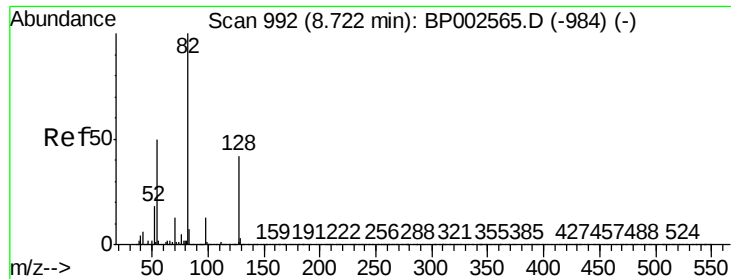
Abundance Ion 136.00 (135.70 to 136.70): E

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

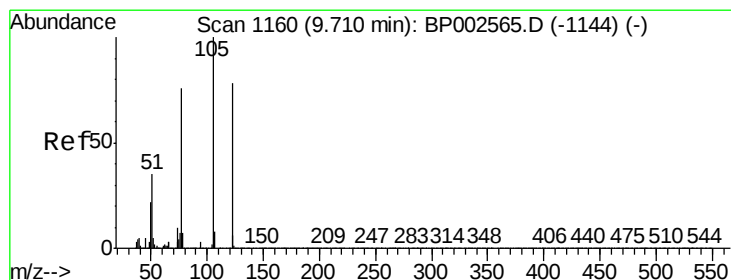
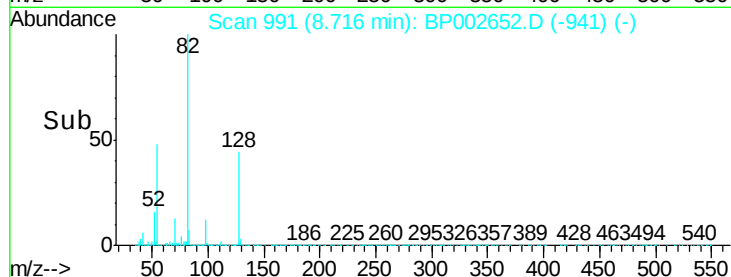
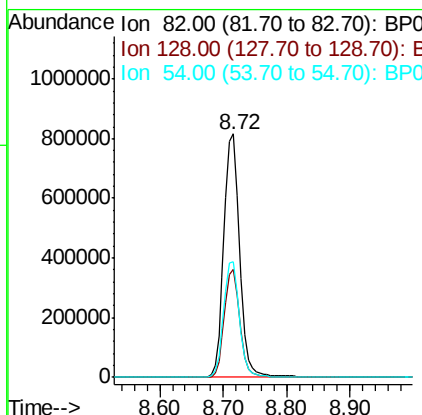
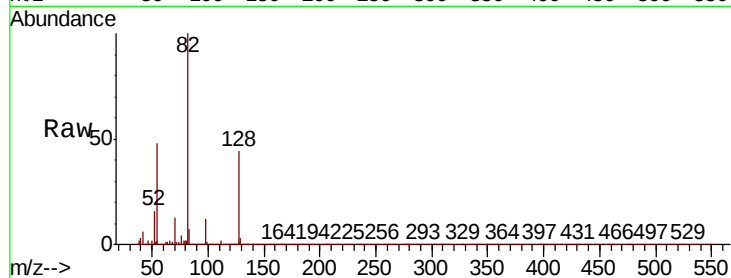




#23
Nitrobenzene-d5
Concen: 83.413 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

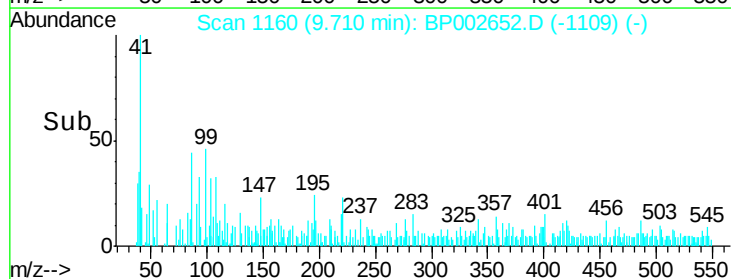
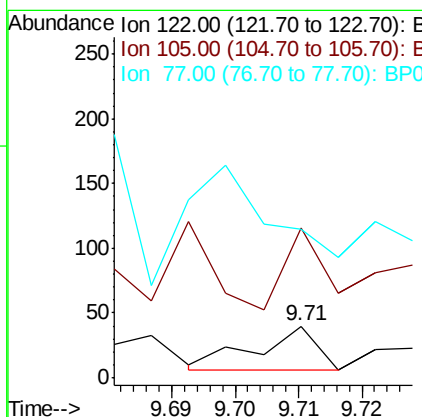
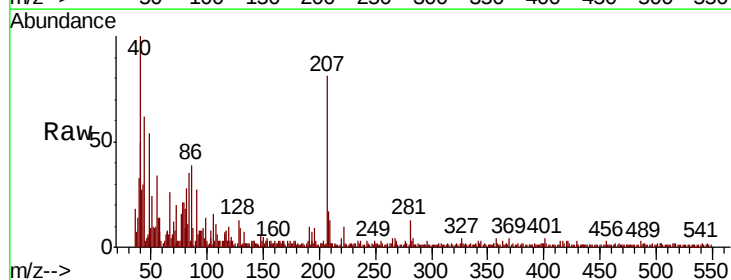
Instrument :
BNA_P
ClientSampleId :
PB129955BL

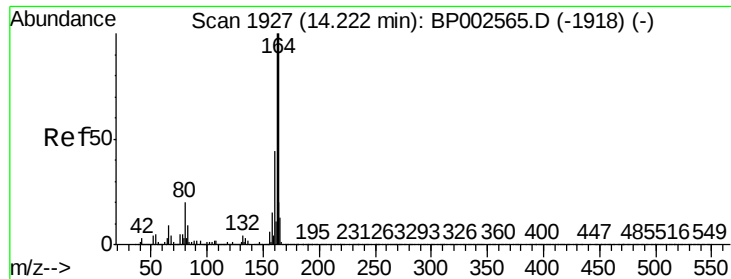
Tot Ion: 82 Resp: 1418071
Ion Ratio Lower Upper
82 100
128 44.3 33.4 50.2
54 47.5 40.1 60.1



#32
Benzoic acid
Concen: 8.701 ng
RT: 9.71 min Scan# 1160
Delta R.T. 0.00 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Tgt Ion: 122 Resp: 23
Ion Ratio Lower Upper
122 100
105 290.0 106.6 146.6#
77 287.5 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: BP002652.D

Acq: 07 Jul 2020 11:45

Instrument :

BNA_P

ClientSampleId :

PB129955BL

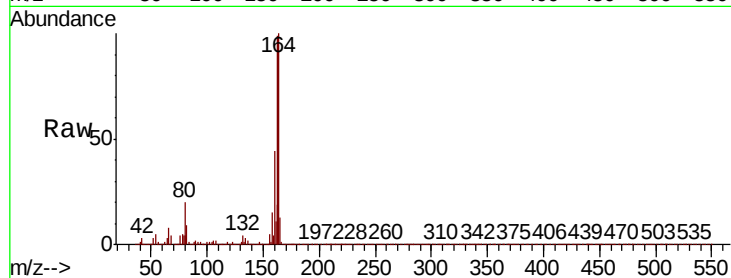
Tot Ion:164 Resp: 528346

Ion Ratio Lower Upper

164 100

162 99.3 80.3 120.5

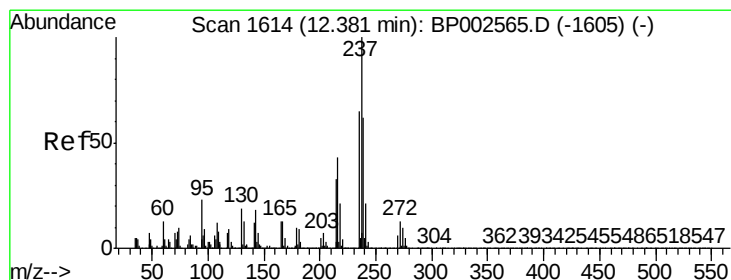
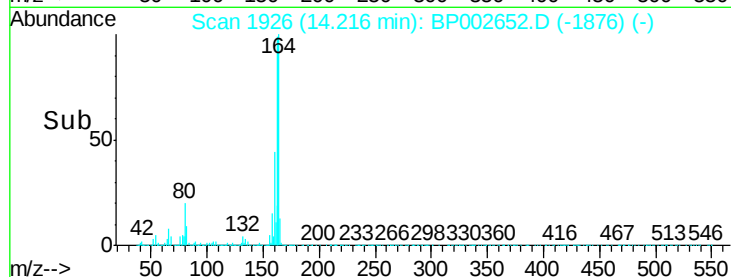
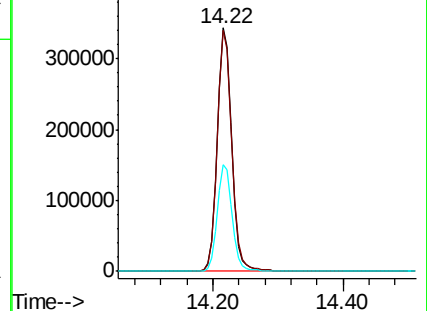
160 43.7 35.0 52.6



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: 12.42 min Scan# 1620

Delta R.T. 0.04 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

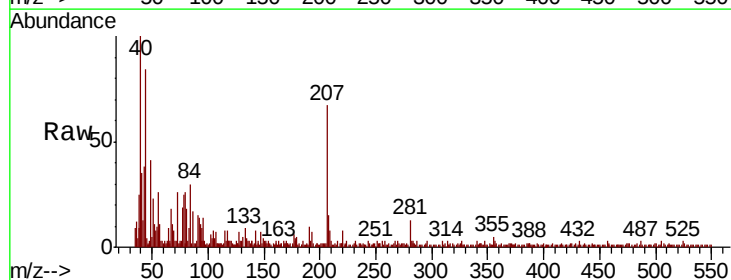
Tgt Ion:237 Resp: 25

Ion Ratio Lower Upper

237 100

235 47.8 45.4 85.4

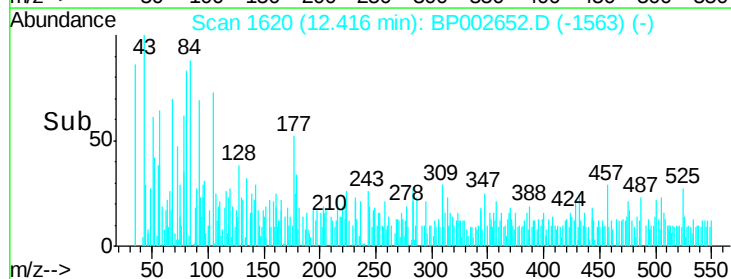
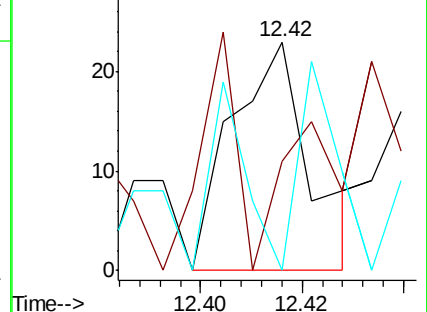
272 0.0 0.0 32.6

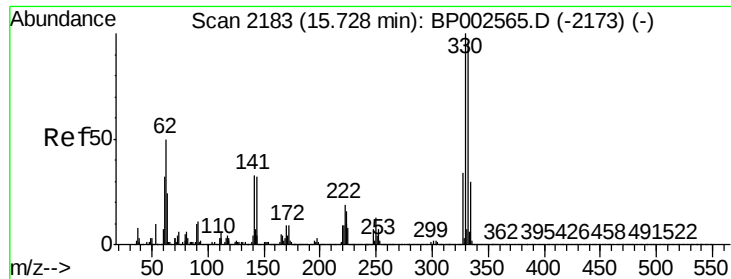


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

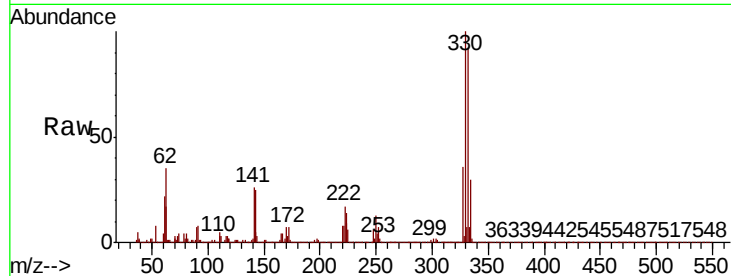




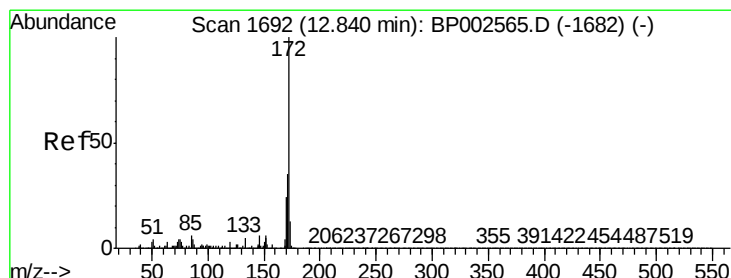
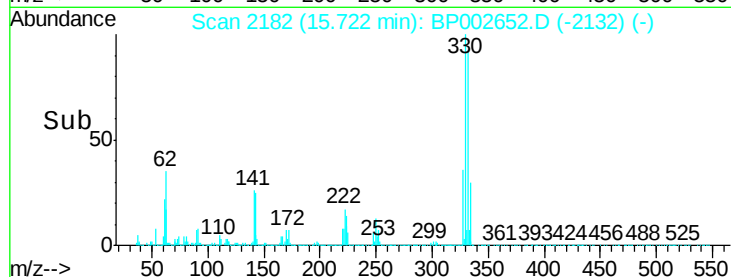
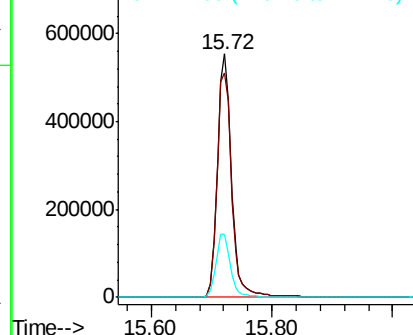
#42
 2,4,6-Tribromophenol
 Concen: 139.565 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002652.D
 Acq: 07 Jul 2020 11:45

Instrument :
 BNA_P
 ClientSampleId :
 PB129955BL

Tot Ion:330 Resp: 896868
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.7 116.5
 141 27.3 29.0 43.6#

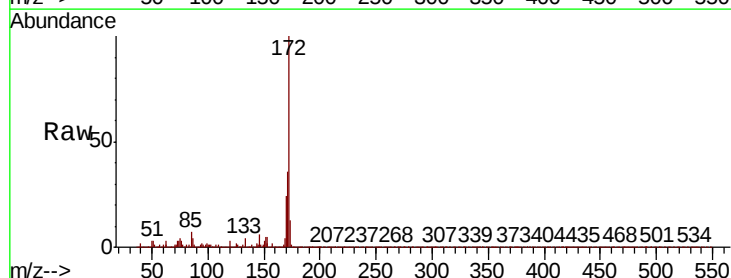


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

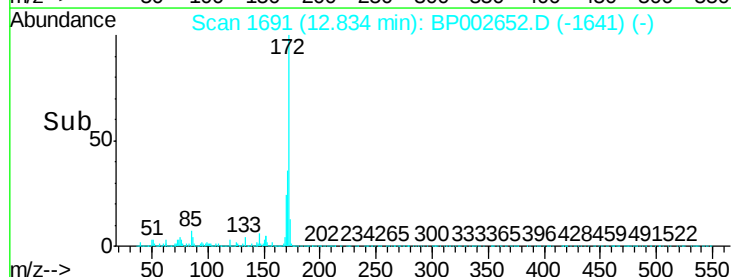
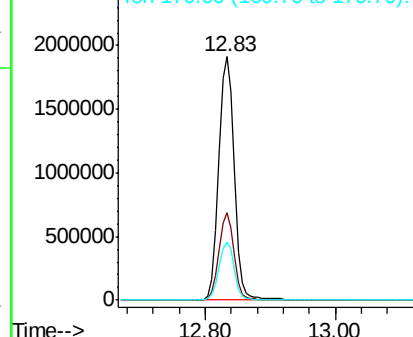


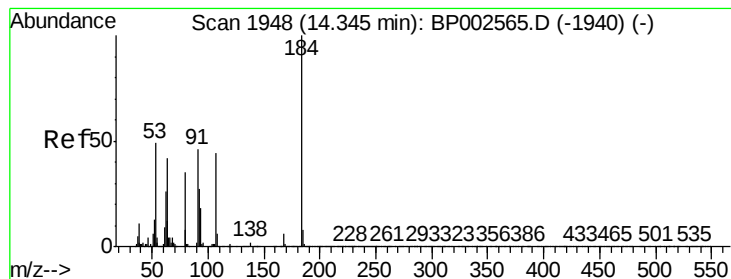
#45
 2-Fluorobiphenyl
 Concen: 88.419 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002652.D
 Acq: 07 Jul 2020 11:45

Tgt Ion:172 Resp: 3173976
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.0 42.0
 170 24.1 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





#54

2,4-Dinitrophenol

Concen: 6.014 ng

RT: 14.37 min Scan# 1952

Delta R.T. 0.02 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

Instrument :

BNA_P

ClientSampleId :

PB129955BL

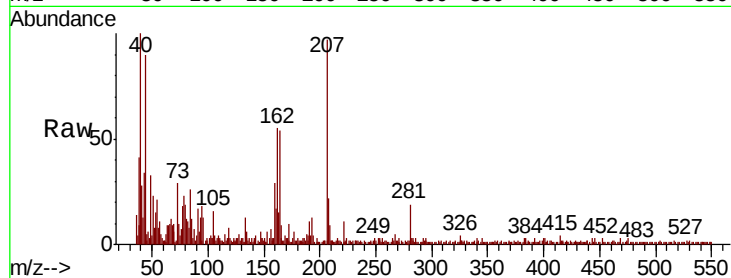
Tot Ion:184 Resp: 32

Ion Ratio Lower Upper

184 100

63 100.0 56.2 84.2#

154 52.8 50.9 76.3



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

120

100

80

60

40

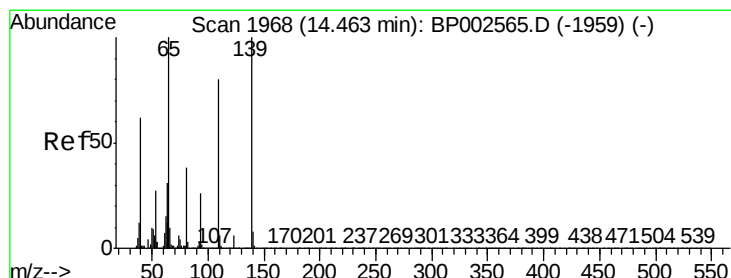
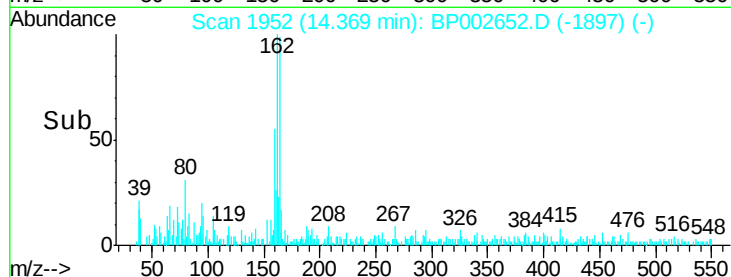
20

0

14.34 14.36 14.38

14.37

Time-->



#56

4-Nitrophenol

Concen: 2.437 ng

RT: 14.47 min Scan# 1969

Delta R.T. 0.01 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

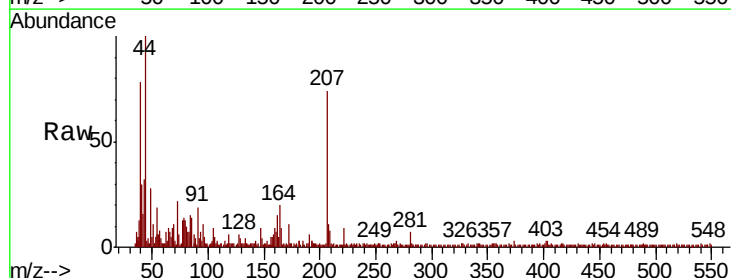
Tgt Ion:139 Resp: 10

Ion Ratio Lower Upper

139 100

109 152.9 60.1 100.1#

65 505.9 80.3 120.3#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BP0

100

80

60

40

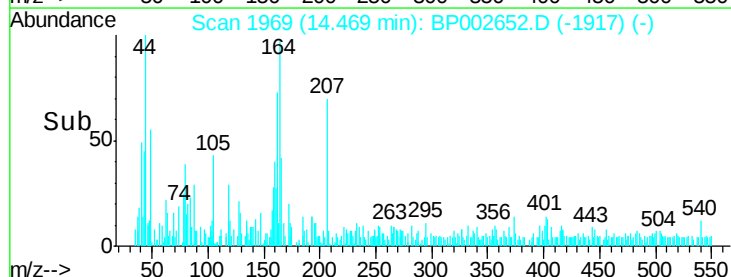
20

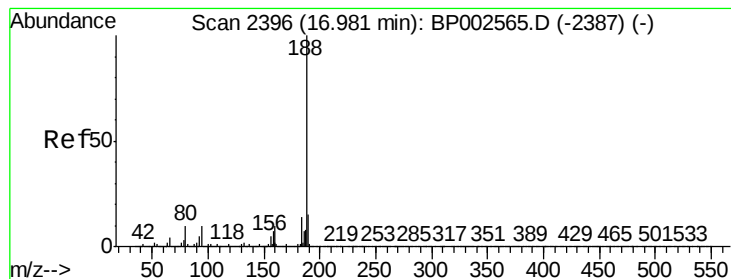
0

14.45 14.46 14.47 14.48

14.47

Time-->





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

Instrument :

BNA_P

ClientSampleId :

PB129955BL

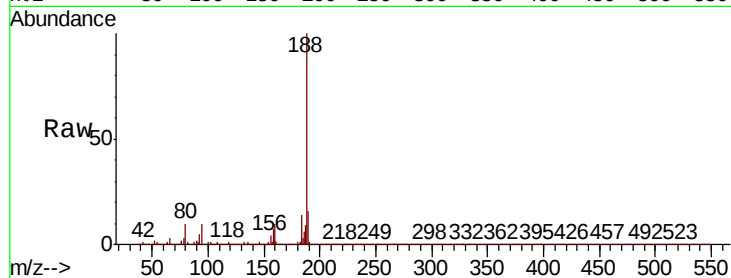
Tot Ion:188 Resp: 1073915

Ion Ratio Lower Upper

188 100

94 9.8 7.8 11.6

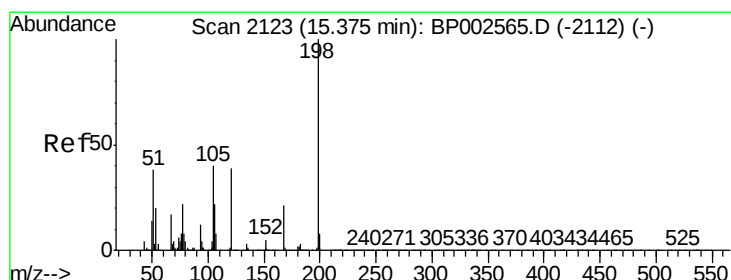
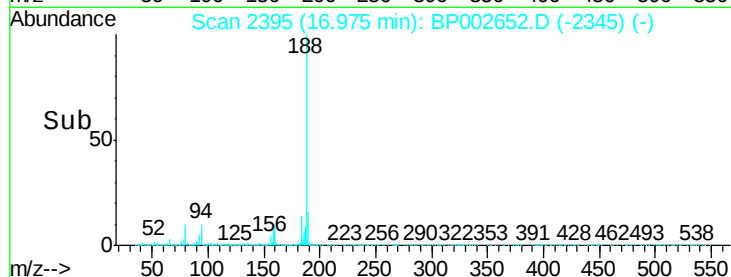
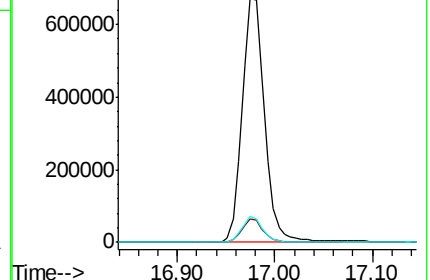
80 10.5 8.2 12.4



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: 2.713 ng

RT: 15.37 min Scan# 2123

Delta R.T. 0.00 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

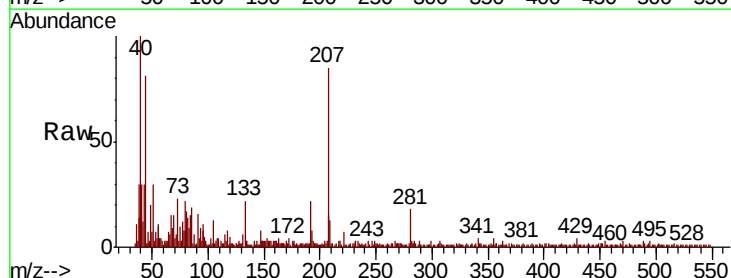
Tgt Ion:198 Resp: 24

Ion Ratio Lower Upper

198 100

51 1030.4 24.2 64.2#

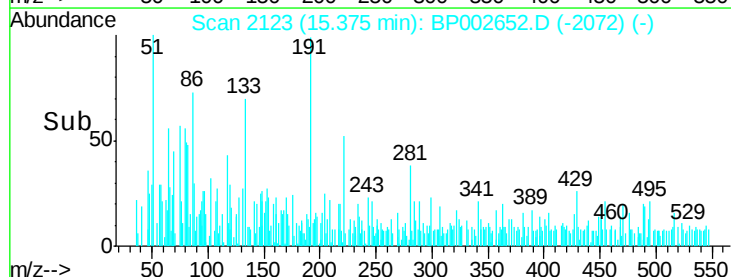
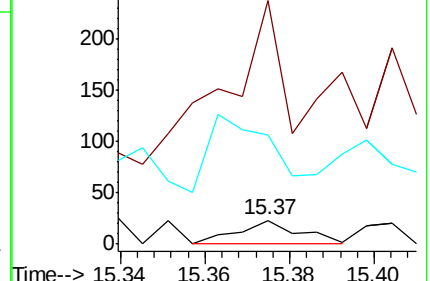
105 460.9 20.7 60.7#

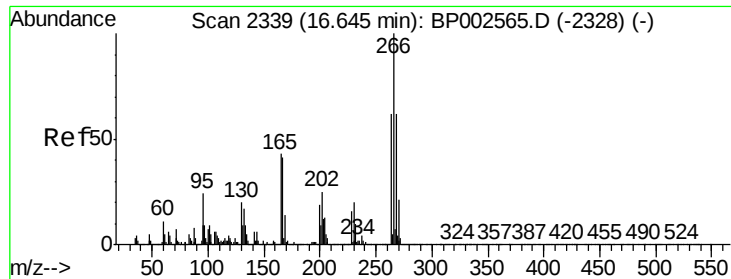


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

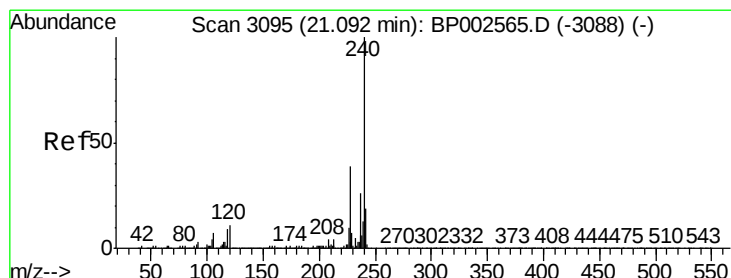
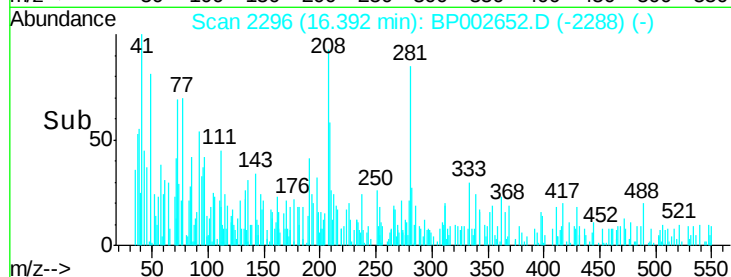
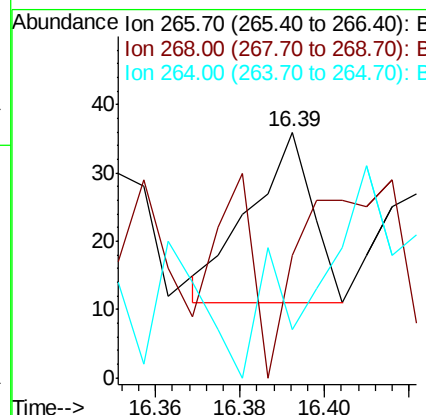
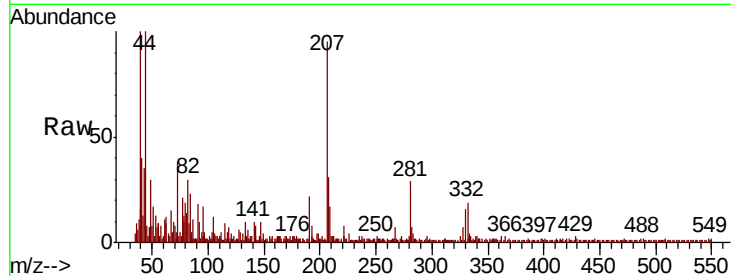




#70
 Pentachlorophenol
 Concen: 2.665 ng
 RT: 16.39 min Scan# 2296
 Delta R.T. -0.25 min
 Lab File: BP002652.D
 Acq: 07 Jul 2020 11:45

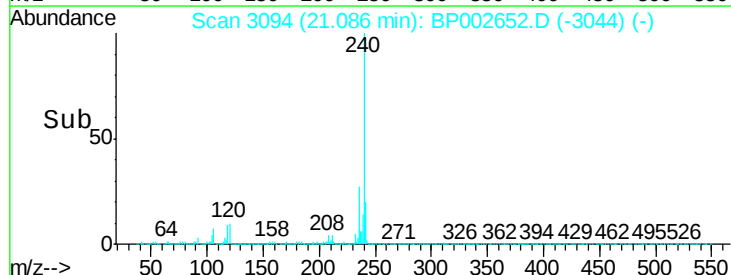
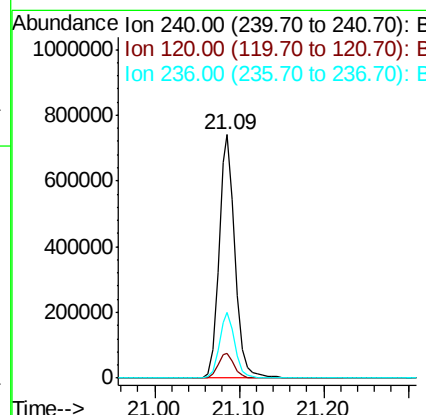
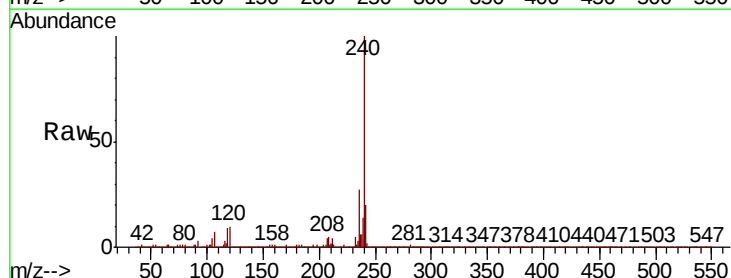
Instrument :
 BNA_P
 ClientSampleId :
 PB129955BL

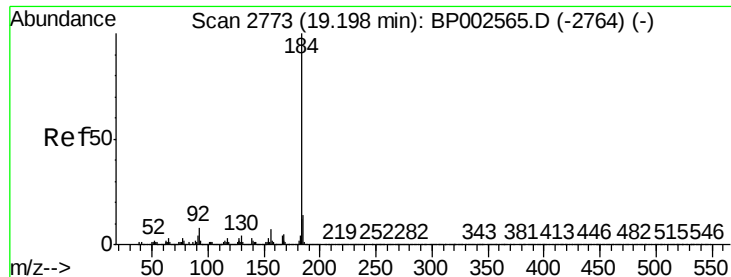
Tot Ion	Ratio	Lower	Upper
266	100		
268	50.0	49.7	74.5
264	55.6	49.3	73.9



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.09 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BP002652.D
 Acq: 07 Jul 2020 11:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.6	13.0
236	26.7	20.8	31.2





#77

Benzidine

Concen: 3.757 ng

RT: 19.19 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

Instrument :

BNA_P

ClientSampleId :

PB129955BL

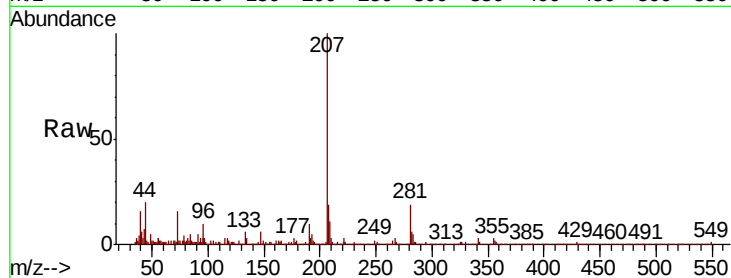
Tot Ion:184 Resp: 30

Ion Ratio Lower Upper

184 100

185 18.0 11.4 17.2#

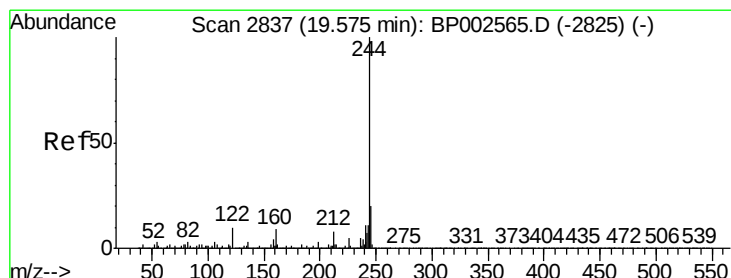
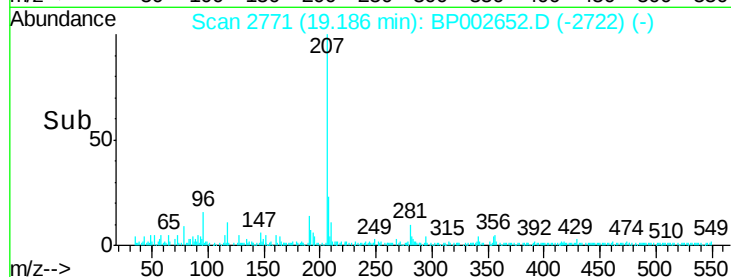
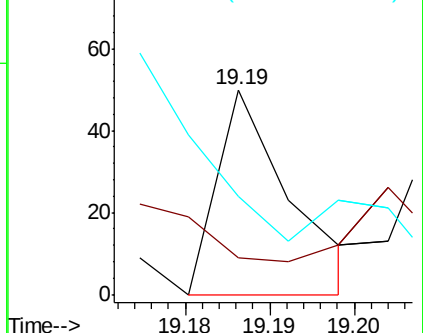
183 48.0 9.2 13.8#



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



#79

Terphenyl-d14

Concen: 93.371 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002652.D

Acq: 07 Jul 2020 11:45

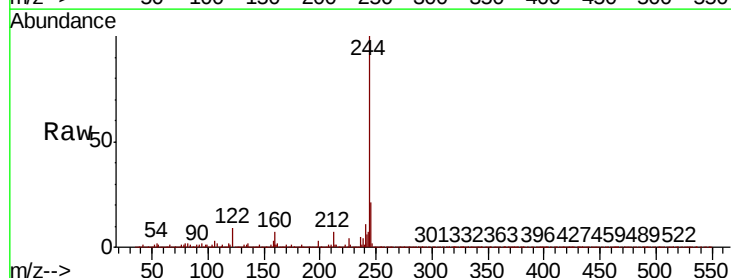
Tgt Ion:244 Resp: 4289578

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

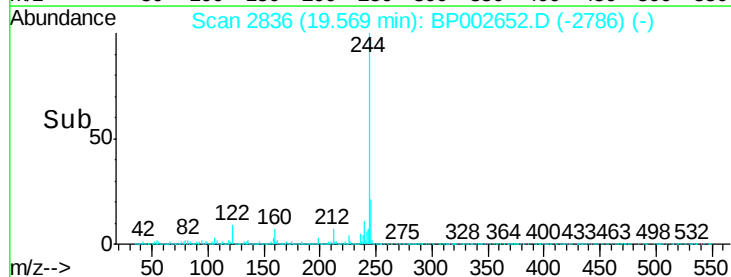
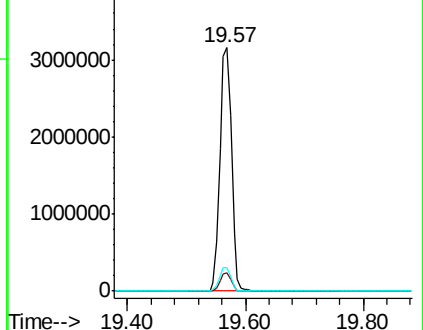
122 9.4 7.9 11.9

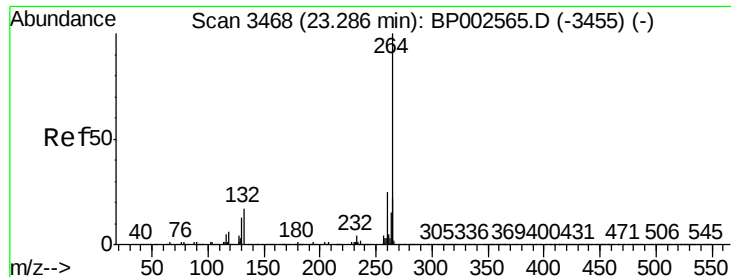


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



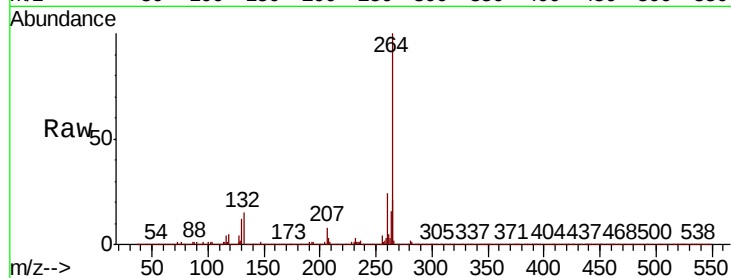


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.28 min Scan# 3467
Delta R.T. -0.01 min
Lab File: BP002652.D
Acq: 07 Jul 2020 11:45

Instrument :
BNA_P
ClientSampleId :
PB129955BL

Tot Ion:264 Resp: 1134782

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.7	29.5
265	20.8	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

