

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
 Data File : BP002794.D
 Acq On : 17 Jul 2020 16:18
 Operator : CG/JU
 Sample : L3323-01 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 17 16:58:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

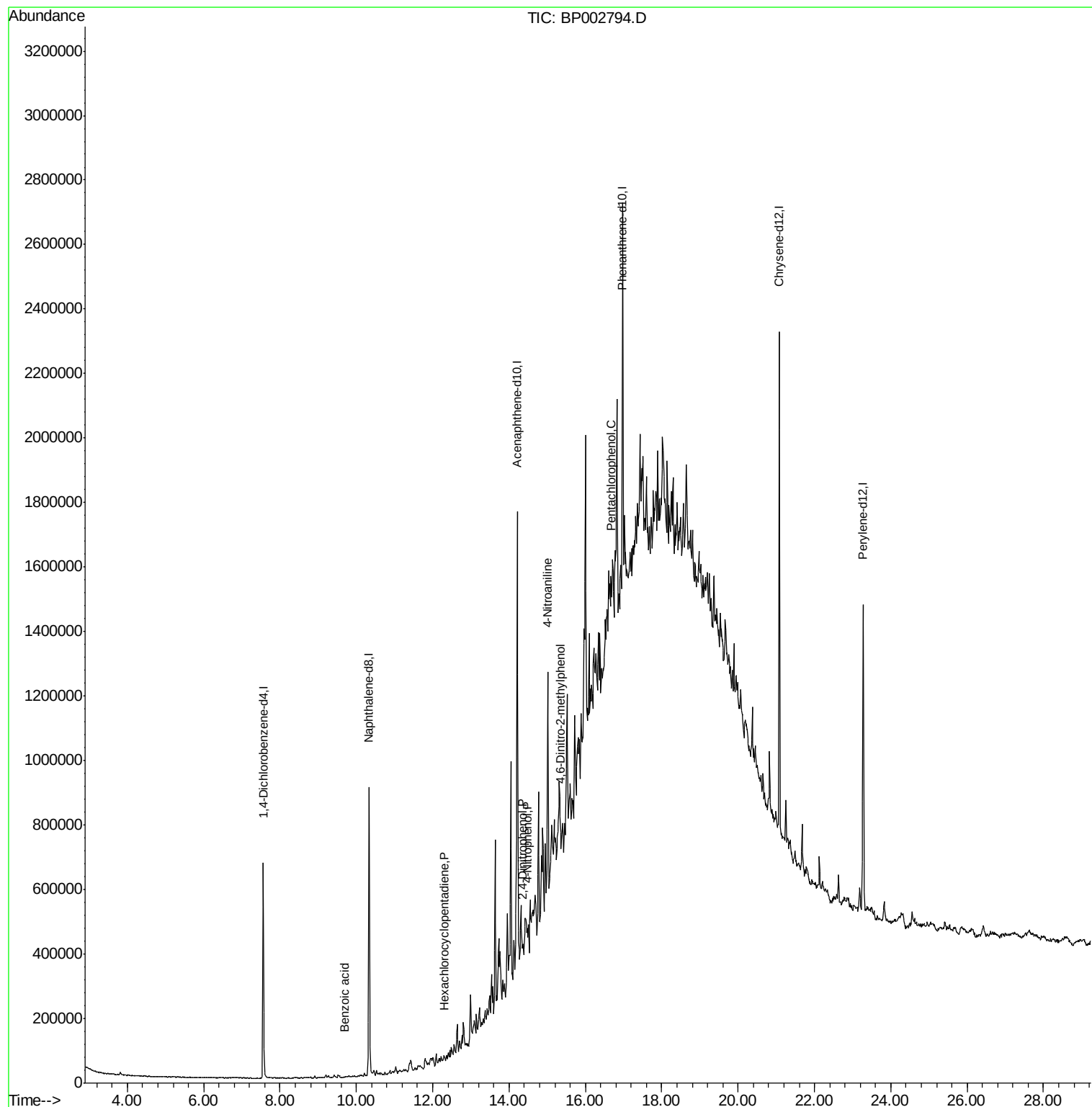
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	181592	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	759247	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	448056	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	777690	20.00	ng	0.00
76) Chrysene-d12	21.08	240	708411	20.00	ng	0.00
86) Perylene-d12	23.27	264	664725	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	959	0.09	ng	0.02
7) Phenol-d6	6.80	99	1908	0.12	ng	0.04
23) Nitrobenzene-d5	8.87	82	264	0.02	ng	0.17
42) 2,4,6-Tribromophenol	15.73	330	1123	0.24	ng	0.02
45) 2-Fluorobiphenyl	12.83	172	6109	0.21	ng	0.00
79) Terphenyl-d14	19.56	244	8741	0.28	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	59	7.068	ng	# 1
41) Hexachlorocyclopentadiene	12.29	237	28	7.438	ng	# 80
54) 2,4-Dinitrophenol	14.36	184	78	11.390	ng	# 1
56) 4-Nitrophenol	14.48	139	185	4.998	ng	# 1
62) 4-Nitroaniline	15.02	138	7867	2.281	ng	# 85
65) 4,6-Dinitro-2-methylphenol	15.35	198	118	5.289	ng	# 1
70) Pentachlorophenol	16.67	266	568	7.561	ng	# 33

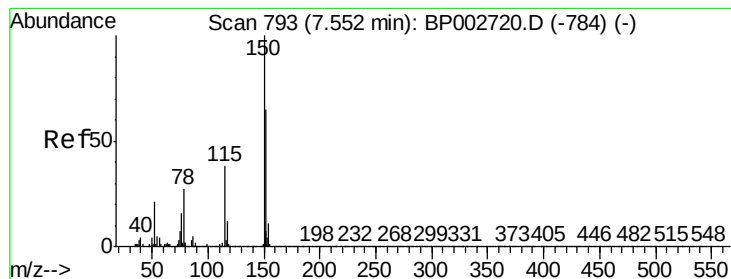
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BNA_P
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Quant Time: Jul 17 16:58:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
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QLast Update : Mon Jul 13 10:54:03 2020
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.56 min Scan# 794

Delta R.T. 0.01 min

Lab File: BP002794.D

Acq: 17 Jul 2020 16:18

Instrument :

BNA_P

ClientSampleId :

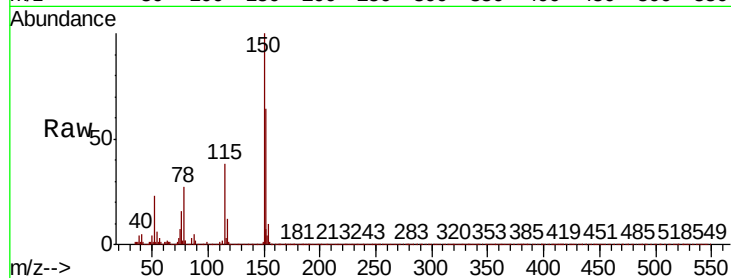
Tot Ion:152 Resp: 181592

Ion Ratio Lower Upper

152 100

150 155.3 123.7 185.5

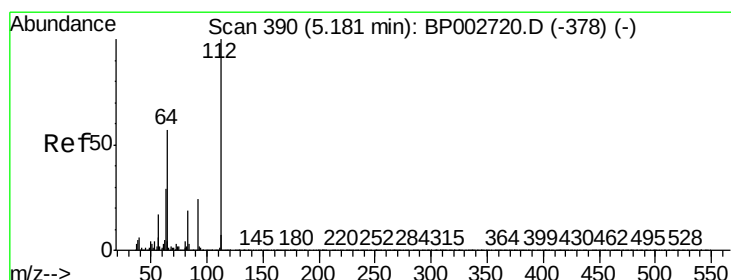
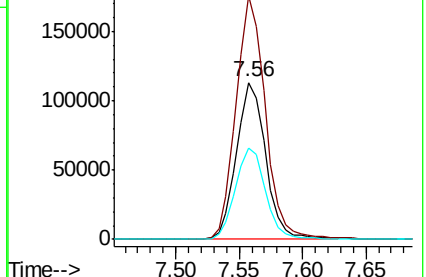
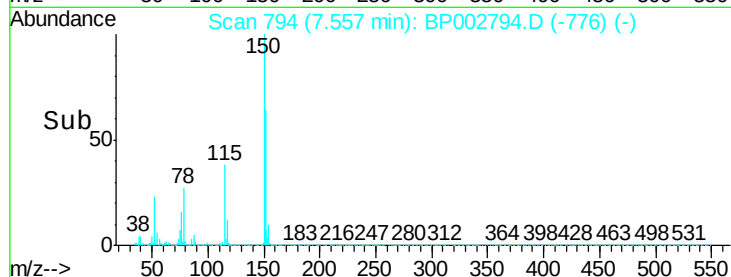
115 58.5 47.2 70.8



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: 0.089 ng

RT: 5.20 min Scan# 394

Delta R.T. 0.02 min

Lab File: BP002794.D

Acq: 17 Jul 2020 16:18

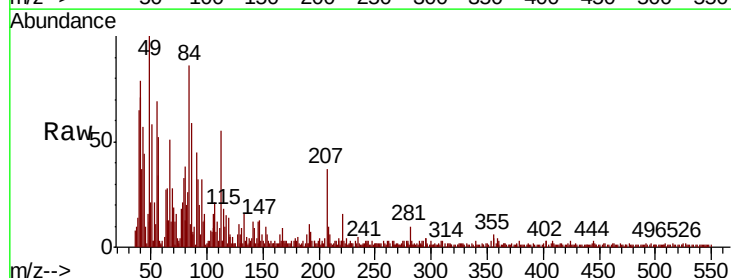
Tgt Ion:112 Resp: 959

Ion Ratio Lower Upper

112 100

64 51.2 45.6 68.4

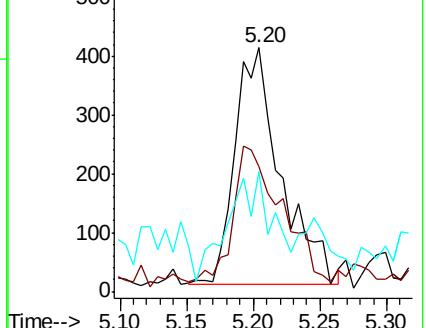
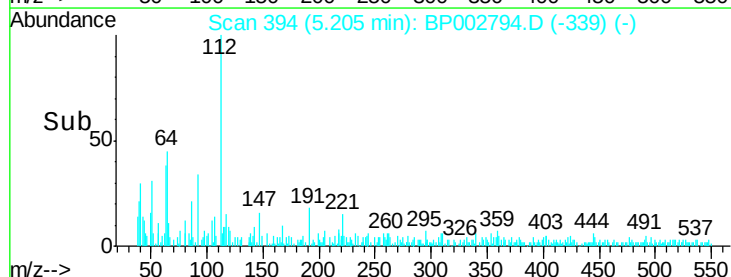
63 49.3 23.5 35.3#

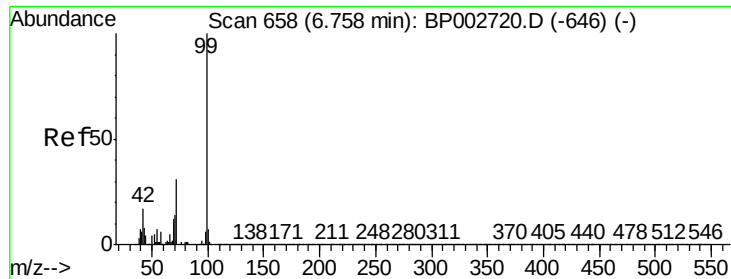


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 0.124 ng

RT: 6.80 min Scan# 665

Delta R.T. 0.04 min

Lab File: BP002794.D

Acq: 17 Jul 2020 16:18

Instrument :

BNA_P

ClientSampled :

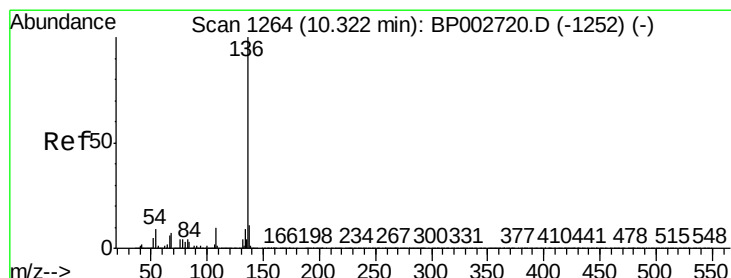
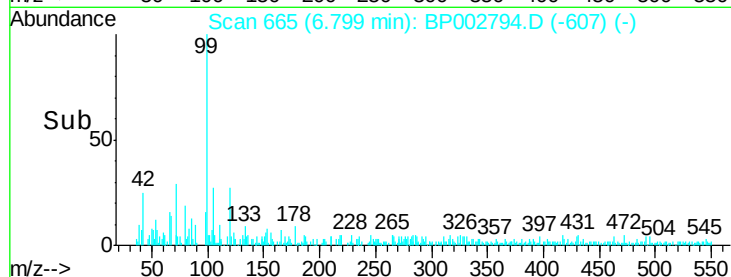
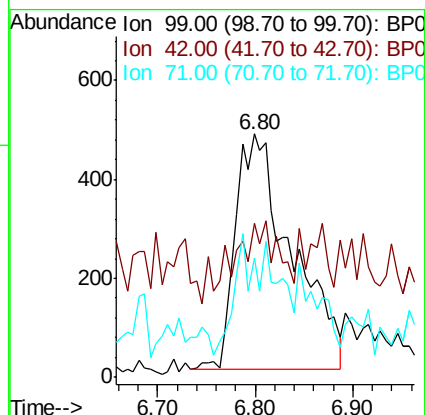
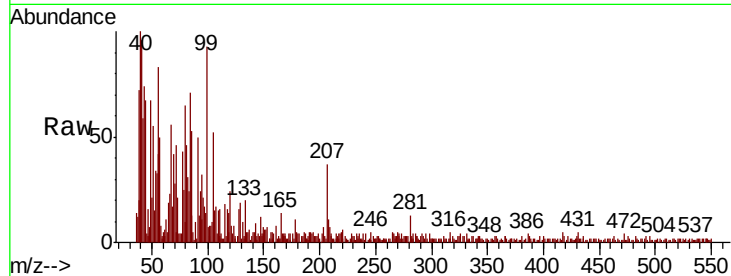
Tot Ion: 99 Resp: 1908

Ion Ratio Lower Upper

99 100

42 63.2 13.4 20.2#

71 49.2 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BP002794.D

Acq: 17 Jul 2020 16:18

Tgt Ion: 136 Resp: 759247

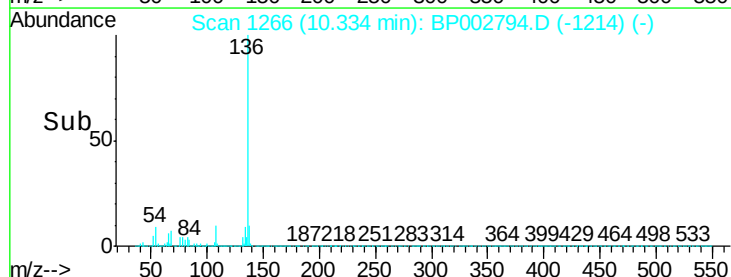
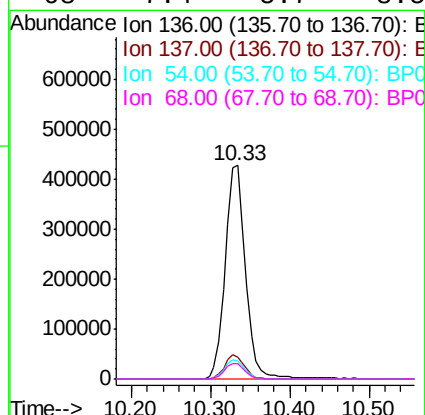
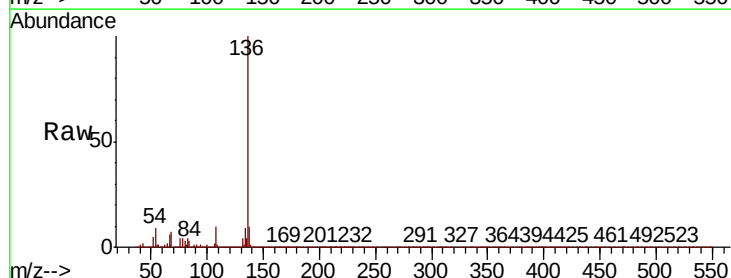
Ion Ratio Lower Upper

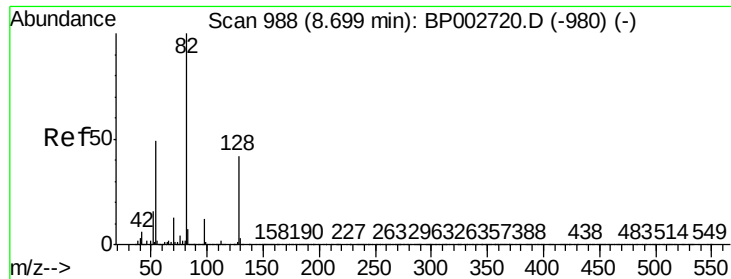
136 100

137 10.3 8.6 13.0

54 8.7 6.9 10.3

68 7.4 5.7 8.5

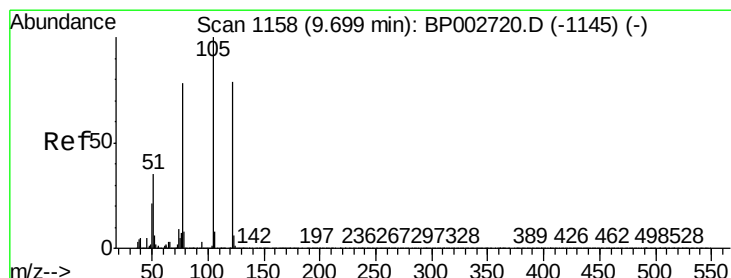
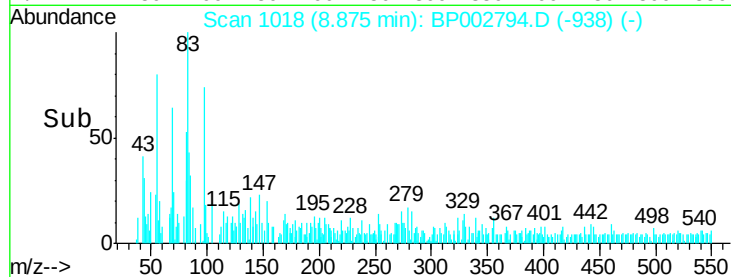
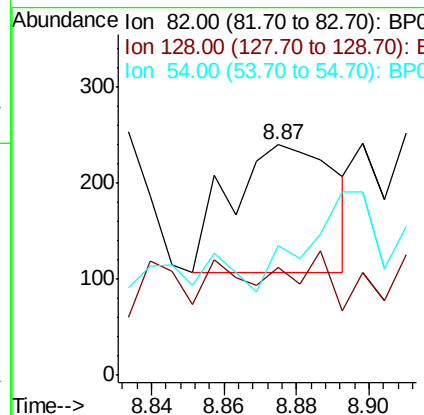
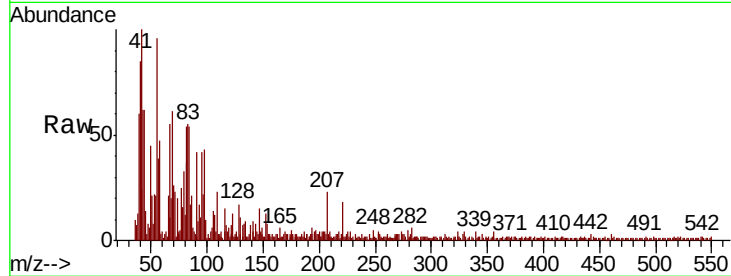




#23
 Nitrobenzene-d5
 Concen: 0.019 ng
 RT: 8.87 min Scan# 1018
 Delta R.T. 0.17 min
 Lab File: BP002794.D
 Acq: 17 Jul 2020 16:18

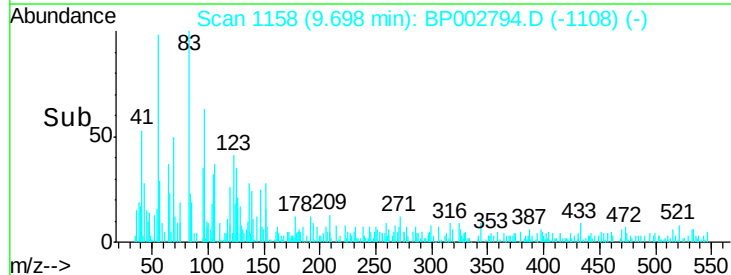
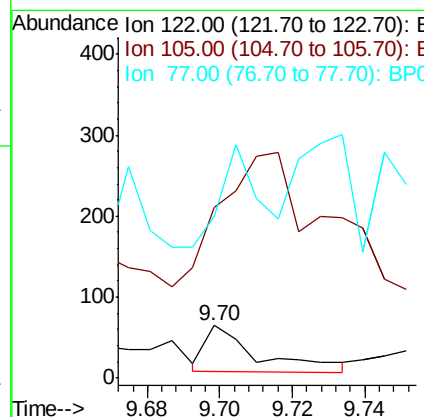
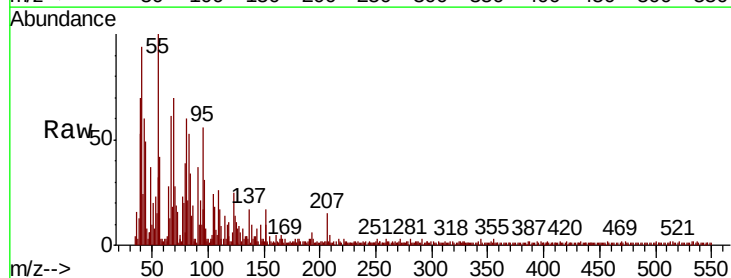
Instrument :
 BNA_P
 ClientSampleId :

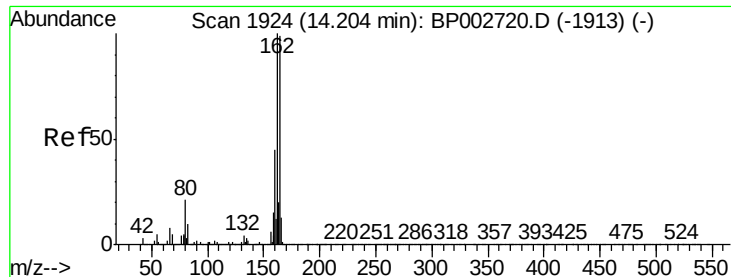
Tot Ion: 82 Resp: 264
 Ion Ratio Lower Upper
 82 100
 128 46.9 33.8 50.8
 54 56.5 38.8 58.2



#32
 Benzoic acid
 Concen: 7.068 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BP002794.D
 Acq: 17 Jul 2020 16:18

Tgt Ion: 122 Resp: 59
 Ion Ratio Lower Upper
 122 100
 105 324.6 105.4 145.4#
 77 307.7 78.5 118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.21 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BP002794.D

Acq: 17 Jul 2020 16:18

Instrument :

BNA_P

ClientSampleId :

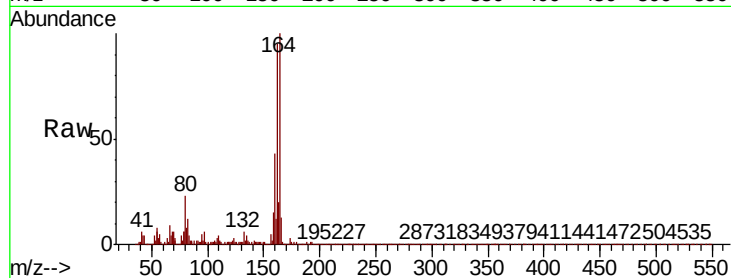
Tot Ion:164 Resp: 448056

Ion Ratio Lower Upper

164 100

162 94.9 80.6 121.0

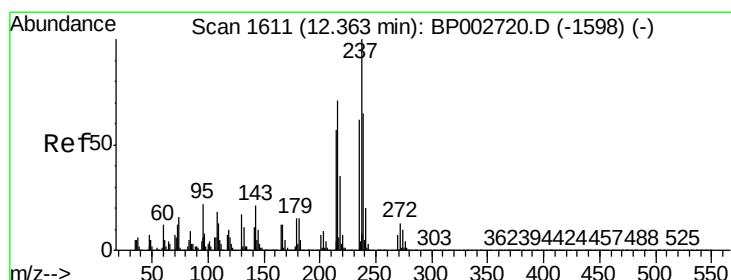
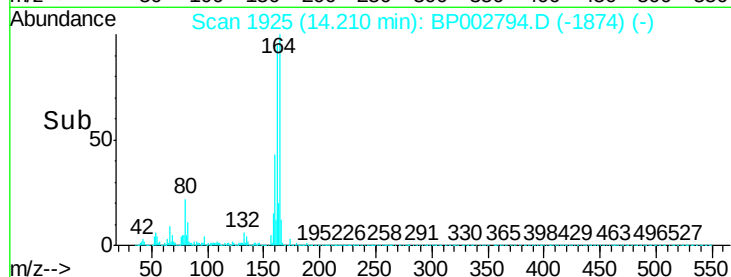
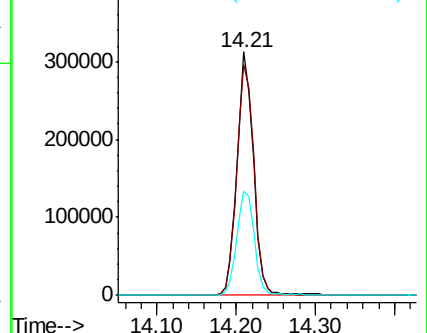
160 42.6 36.4 54.6



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: 7.438 ng

RT: 12.29 min Scan# 1599

Delta R.T. -0.07 min

Lab File: BP002794.D

Acq: 17 Jul 2020 16:18

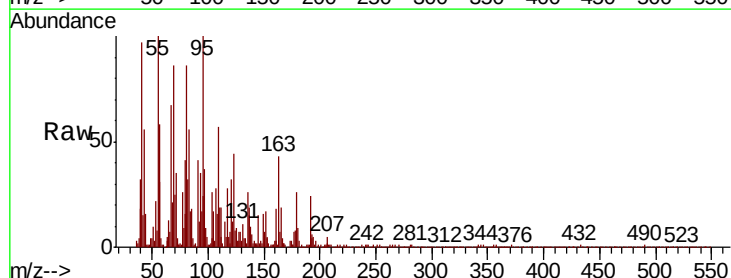
Tgt Ion:237 Resp: 28

Ion Ratio Lower Upper

237 100

235 73.9 42.3 82.3

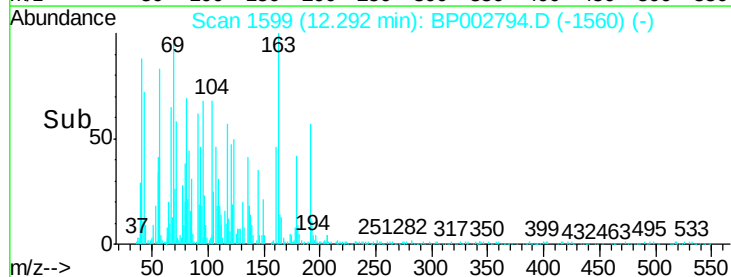
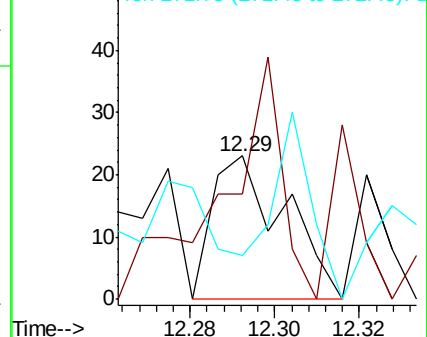
272 30.4 0.0 32.5

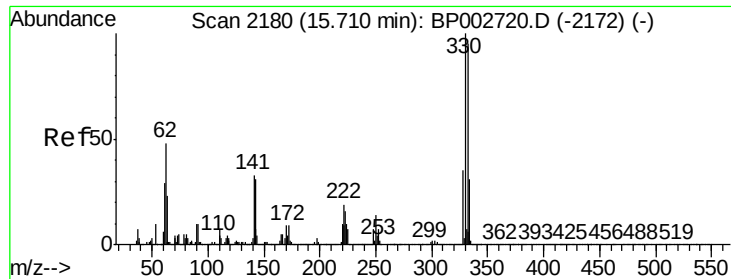


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

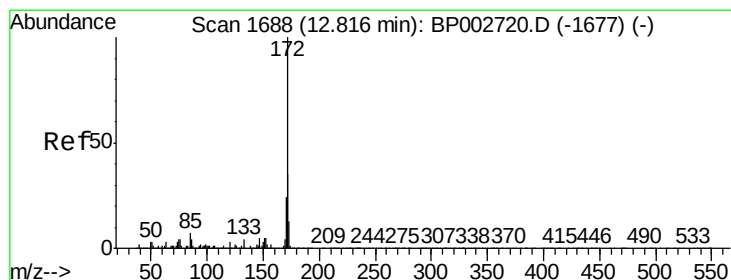
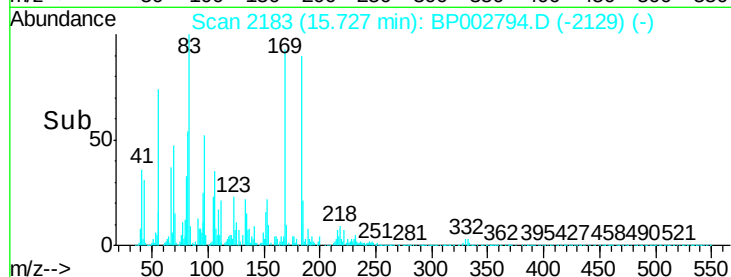
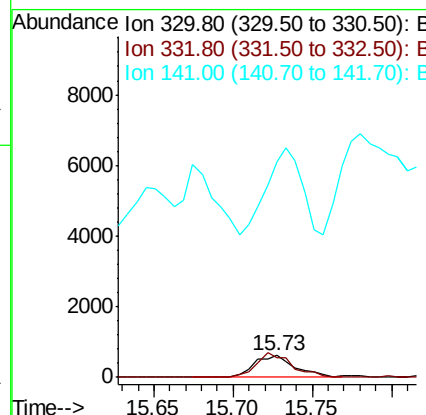
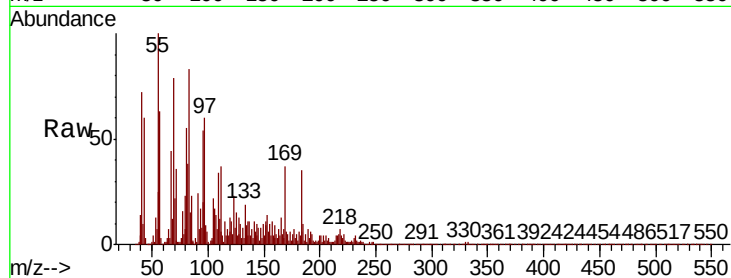




#42
 2,4,6-Tribromophenol
 Concen: 0.240 ng
 RT: 15.73 min Scan# 2183
 Delta R.T. 0.02 min
 Lab File: BP002794.D
 Acq: 17 Jul 2020 16:18

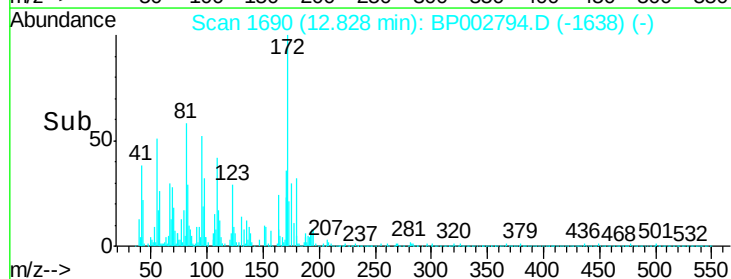
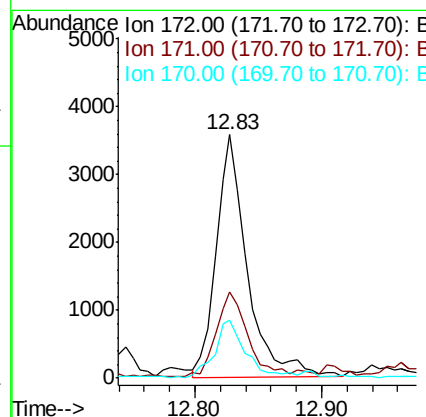
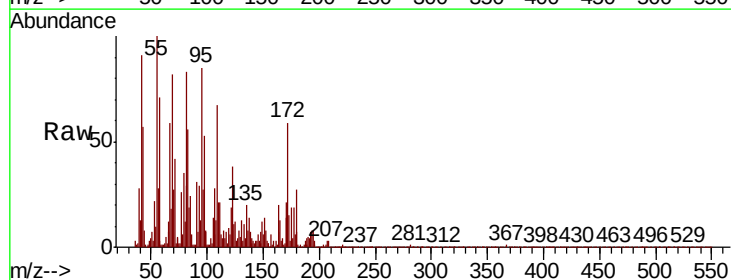
Instrument :
 BNA_P
 ClientSampleId :

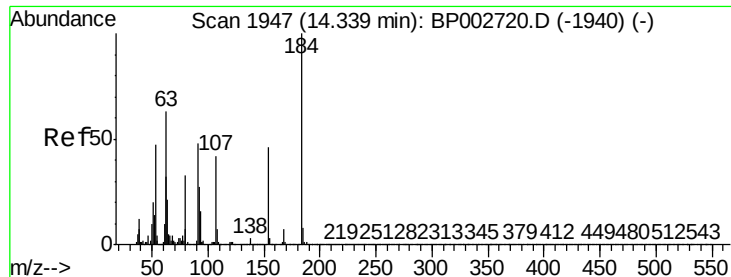
Tot Ion:330 Resp: 1123
 Ion Ratio Lower Upper
 330 100
 332 102.1 76.5 114.7
 141 330.5 28.8 43.2#



#45
 2-Fluorobiphenyl
 Concen: 0.211 ng
 RT: 12.83 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BP002794.D
 Acq: 17 Jul 2020 16:18

Tgt Ion:172 Resp: 6109
 Ion Ratio Lower Upper
 172 100
 171 35.5 28.1 42.1
 170 23.6 19.3 28.9

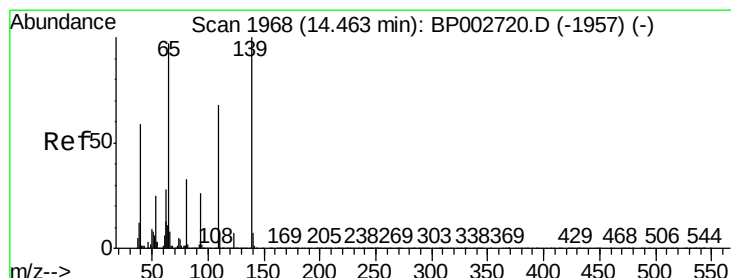
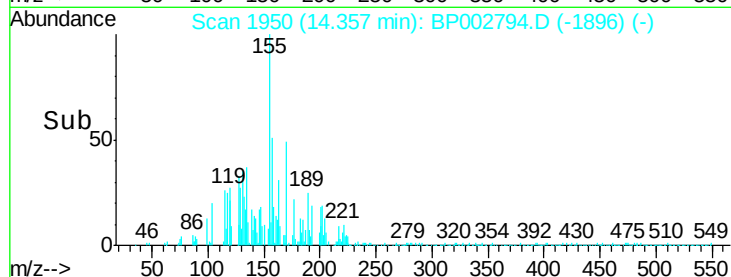
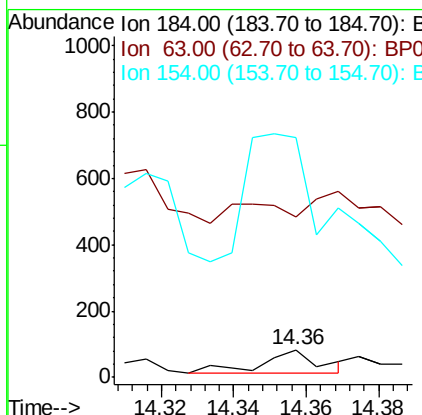
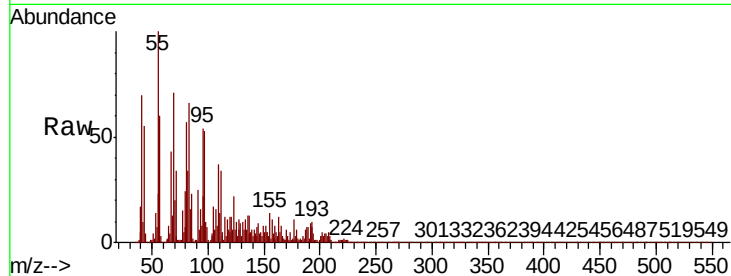




#54
2,4-Dinitrophenol
Concen: 11.390 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.02 min
Lab File: BP002794.D
Acq: 17 Jul 2020 16:18

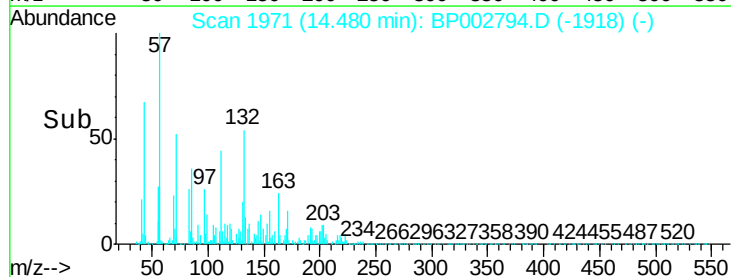
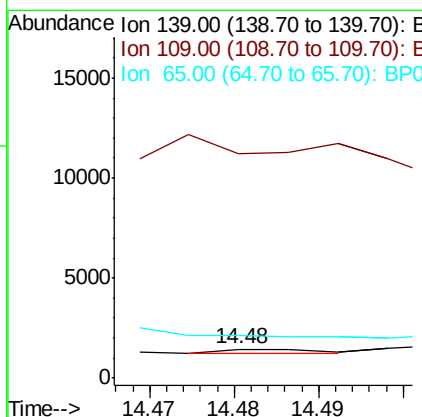
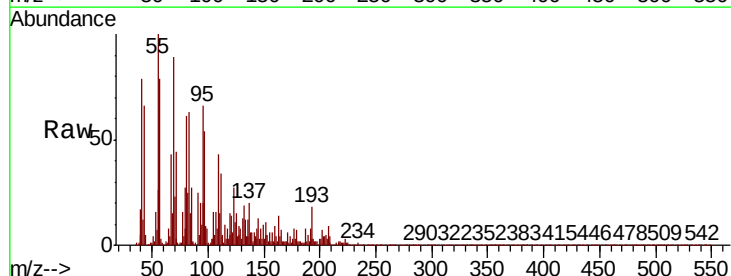
Instrument :
BNA_P
ClientSampleId :

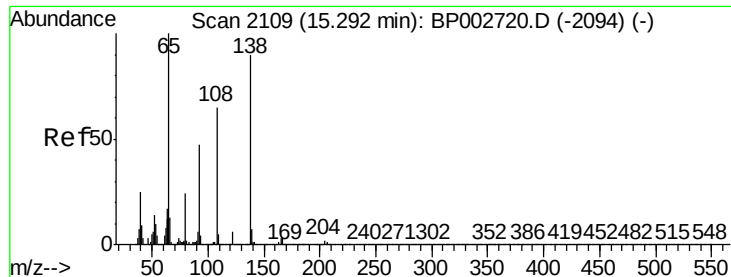
Tot Ion:184 Resp: 78
Ion Ratio Lower Upper
184 100
63 583.1 51.6 77.4#
154 872.3 45.0 67.6#



#56
4-Nitrophenol
Concen: 4.998 ng
RT: 14.48 min Scan# 1971
Delta R.T. 0.01 min
Lab File: BP002794.D
Acq: 17 Jul 2020 16:18

Tgt Ion:139 Resp: 185
Ion Ratio Lower Upper
139 100
109 769.9 48.1 88.1#
65 144.3 77.9 117.9#





#62

4-Nitroaniline

Concen: 2.281 ng

RT: 15.02 min Scan# 2062

Delta R.T. -0.28 min

Lab File: BP002794.D

Acq: 17 Jul 2020 16:18

Instrument :

BNA_P

ClientSampleId :

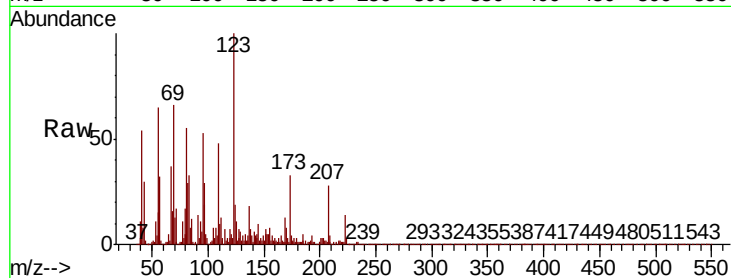
Tot Ion:138 Resp: 7867

Ion Ratio Lower Upper

138 100

92 40.2 32.0 72.0

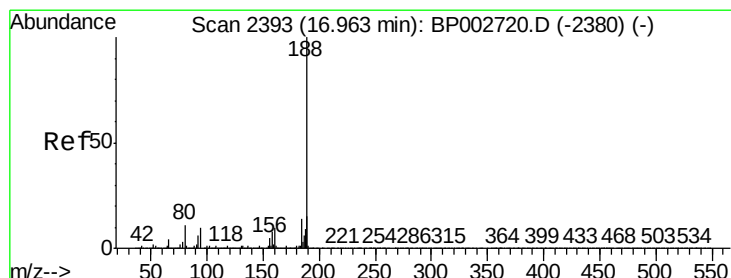
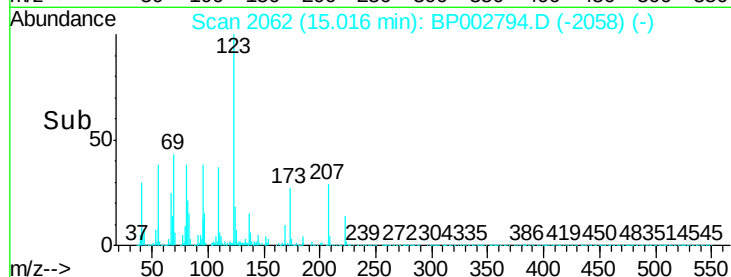
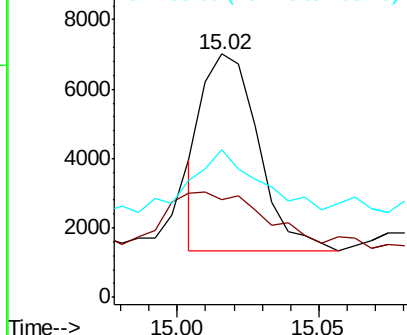
108 60.8 52.2 92.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BP0

Ion 108.00 (107.70 to 108.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. 0.01 min

Lab File: BP002794.D

Acq: 17 Jul 2020 16:18

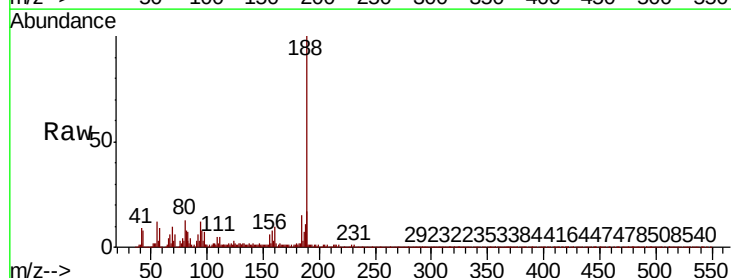
Tgt Ion:188 Resp: 777690

Ion Ratio Lower Upper

188 100

94 11.5 8.1 12.1

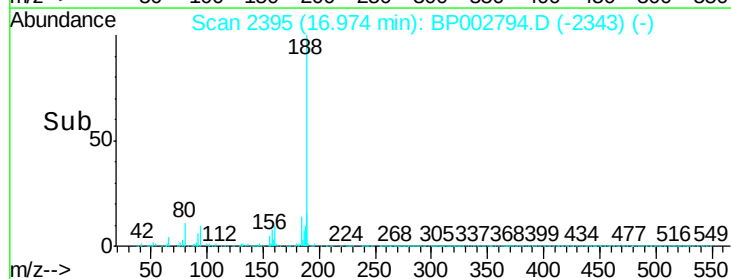
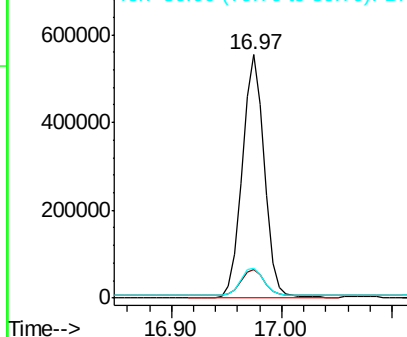
80 12.5 8.9 13.3

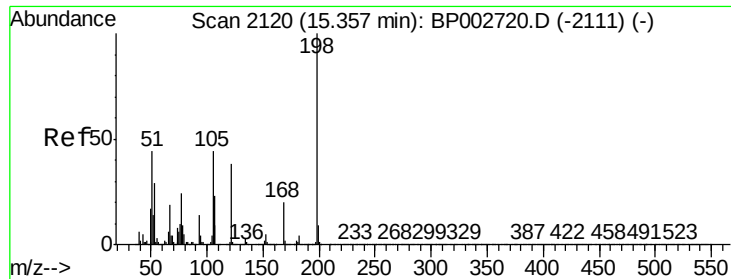


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

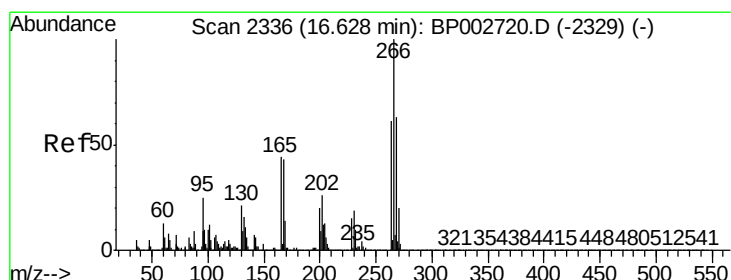
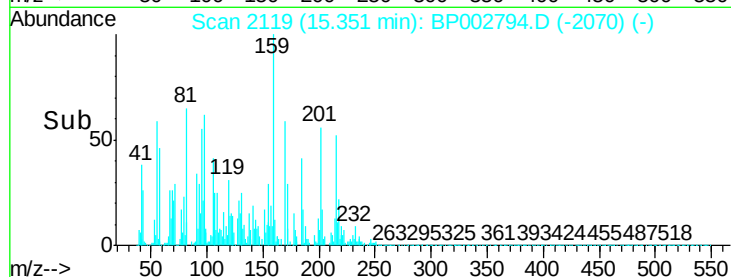
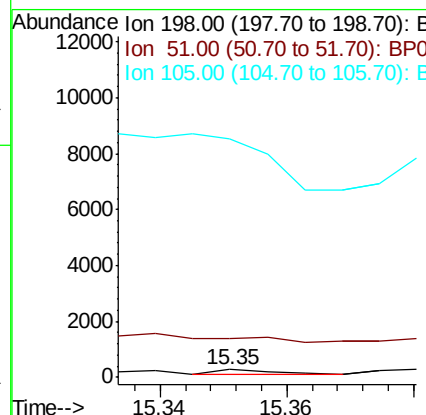
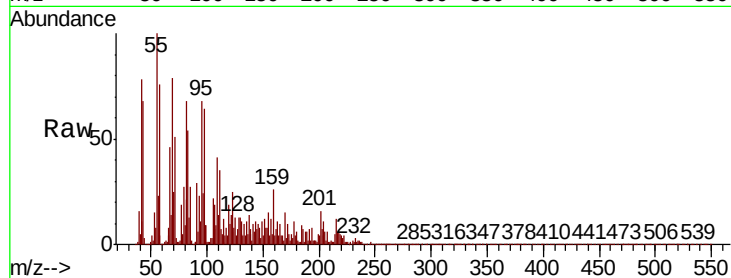




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.289 ng
 RT: 15.35 min Scan# 2119
 Delta R.T. -0.01 min
 Lab File: BP002794.D
 Acq: 17 Jul 2020 16:18

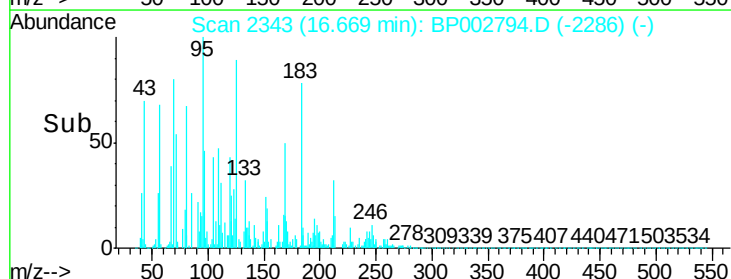
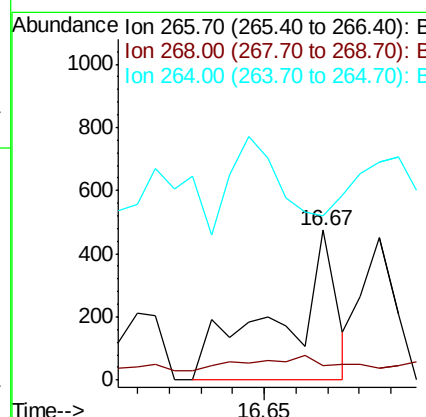
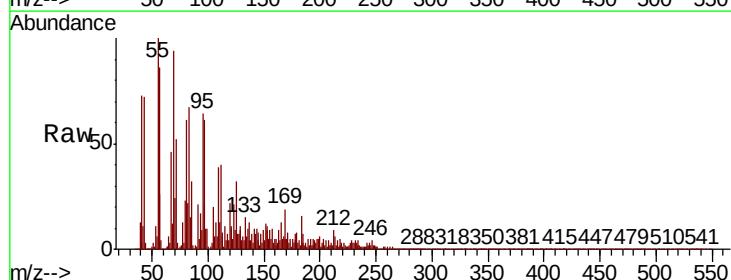
Instrument :
 BNA_P
 ClientSampleId :

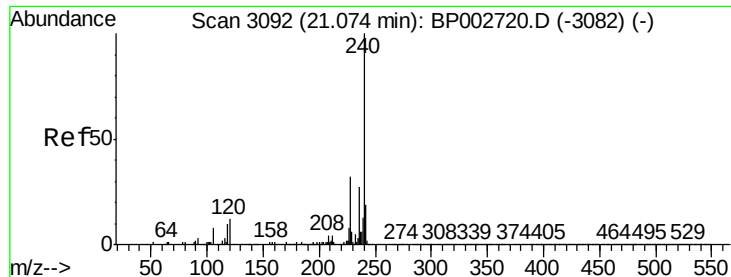
Tot Ion:198 Resp: 118
 Ion Ratio Lower Upper
 198 100
 51 491.1 27.1 67.1#
 105 3028.5 24.9 64.9#



#70
 Pentachlorophenol
 Concen: 7.561 ng
 RT: 16.67 min Scan# 2343
 Delta R.T. 0.04 min
 Lab File: BP002794.D
 Acq: 17 Jul 2020 16:18

Tgt Ion:266 Resp: 568
 Ion Ratio Lower Upper
 266 100
 268 10.1 50.6 75.8#
 264 109.9 48.6 72.8#

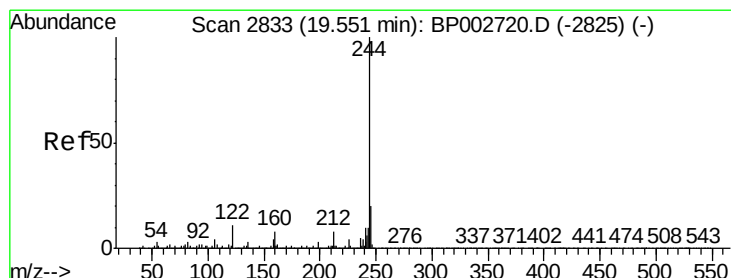
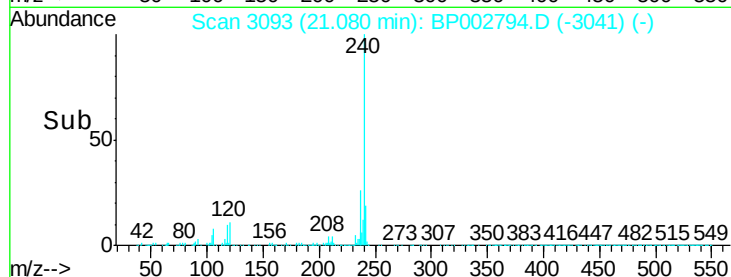
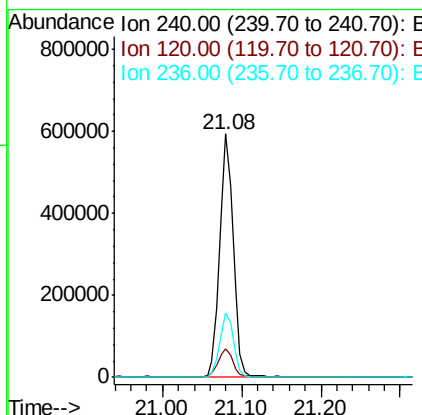
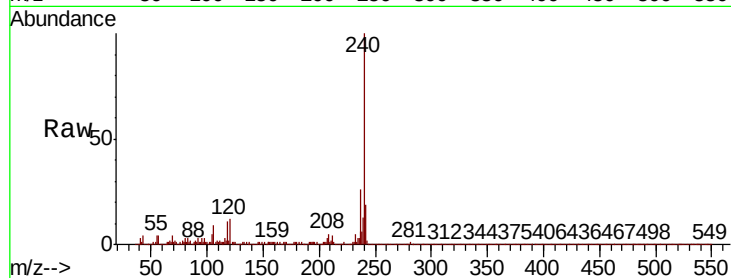




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BP002794.D
 Acq: 17 Jul 2020 16:18

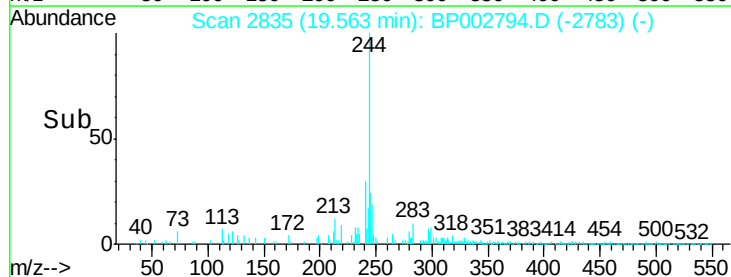
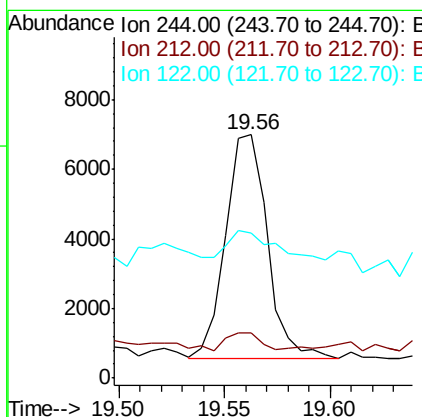
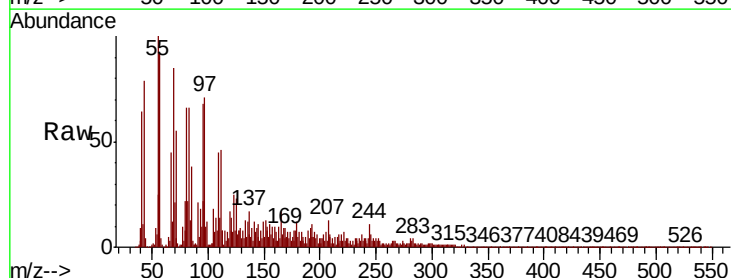
Instrument :
 BNA_P
 ClientSampleId :

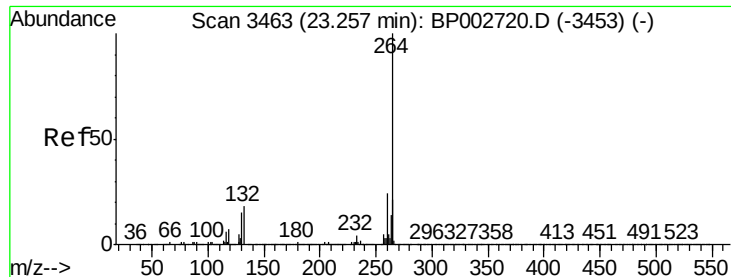
Tot Ion:240 Resp: 708411
 Ion Ratio Lower Upper
 240 100
 120 11.8 9.4 14.2
 236 26.2 21.3 31.9



#79
 Terphenyl-d14
 Concen: 0.283 ng
 RT: 19.56 min Scan# 2835
 Delta R.T. 0.01 min
 Lab File: BP002794.D
 Acq: 17 Jul 2020 16:18

Tgt Ion:244 Resp: 8741
 Ion Ratio Lower Upper
 244 100
 212 18.6 6.0 9.0#
 122 59.4 8.9 13.3#

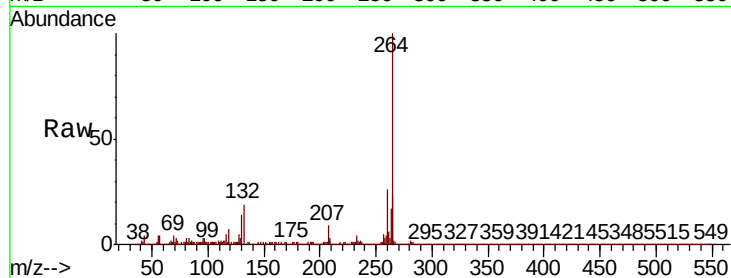




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002794.D
Acq: 17 Jul 2020 16:18

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.3	28.9
265	23.0	16.8	25.2



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

