

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002777.D
 Acq On : 16 Jul 2020 17:55
 Operator : CG/JU
 Sample : L3308-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 4

Quant Time: Jul 16 18:42:56 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

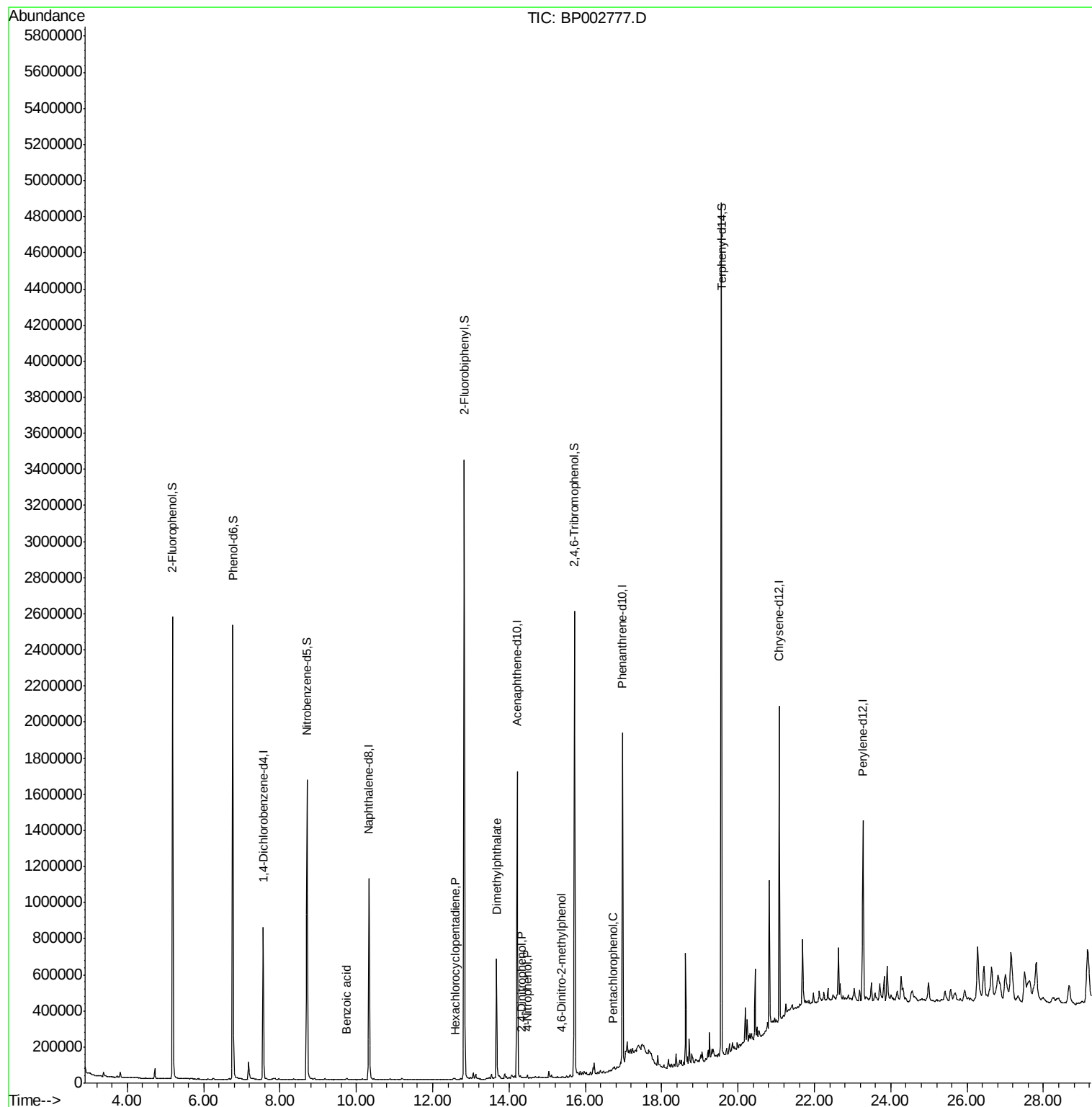
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	220063	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	934686	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	556082	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1099171	20.00	ng	0.00
76) Chrysene-d12	21.08	240	805211	20.00	ng	0.00
86) Perylene-d12	23.27	264	666809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1131921	86.78	ng	0.00
7) Phenol-d6	6.76	99	1541794	82.83	ng	0.00
23) Nitrobenzene-d5	8.70	82	1014651	58.06	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	485233	83.59	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1874474	52.15	ng	0.00
79) Terphenyl-d14	19.56	244	2142216	61.00	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	93	7.070	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.60	237	28	7.437	ng	84
50) Dimethylphthalate	13.67	163	440765	10.393	ng	99
54) 2,4-Dinitrophenol	14.33	184	9	11.376	ng	# 1
56) 4-Nitrophenol	14.46	139	24	4.975	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.36	198	19	5.269	ng	# 1
70) Pentachlorophenol	16.72	266	23	7.445	ng	89

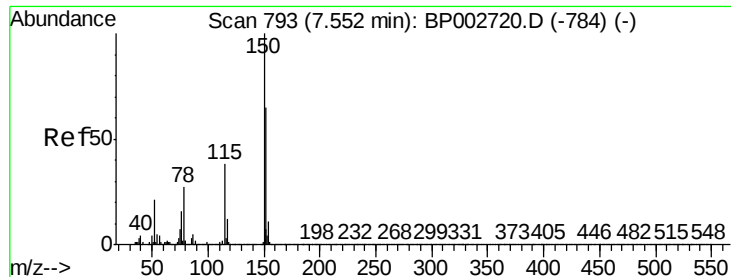
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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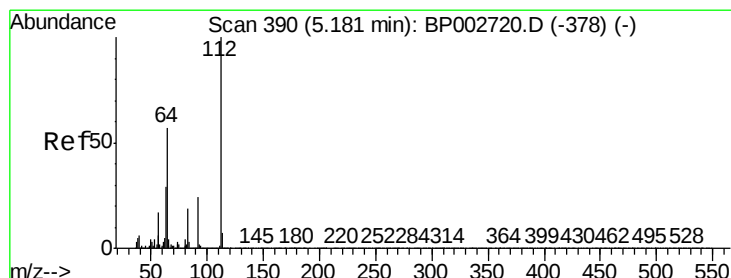
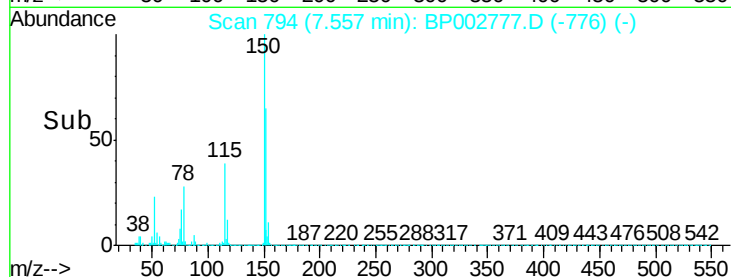
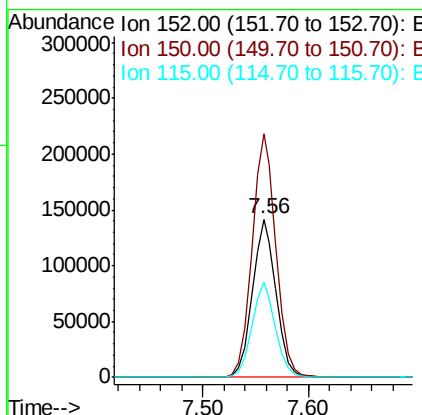
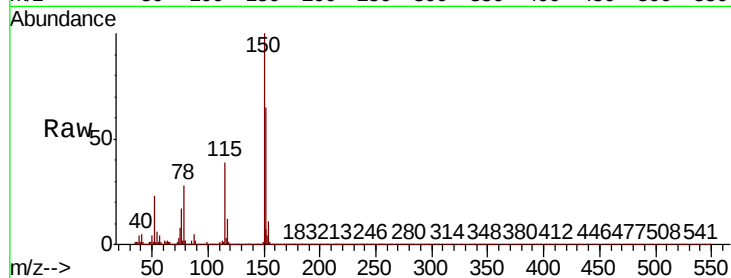


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

Instrument :
BNA_P
ClientSampled :
4

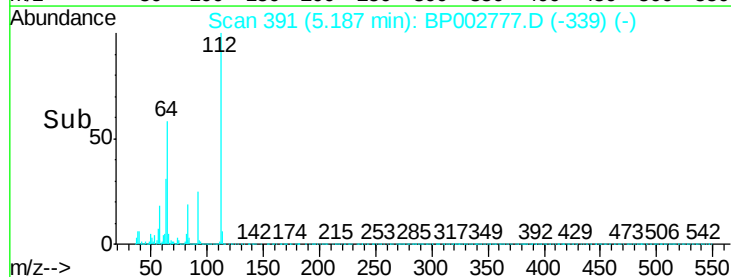
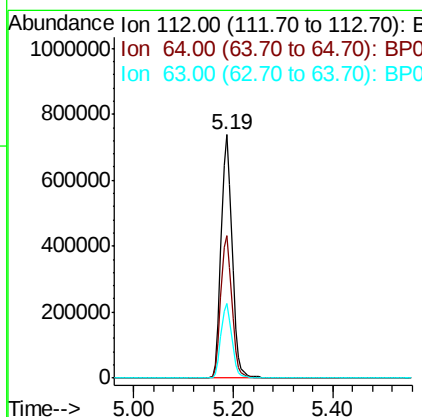
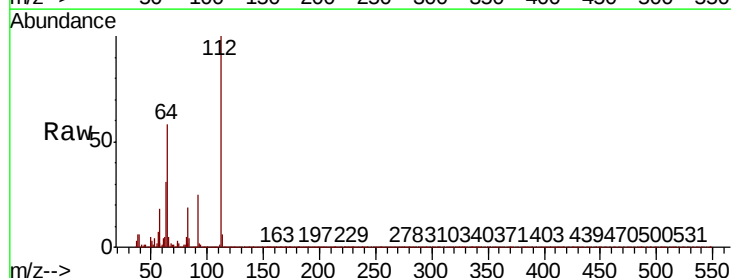
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	123.7	185.5
115	59.9	47.2	70.8

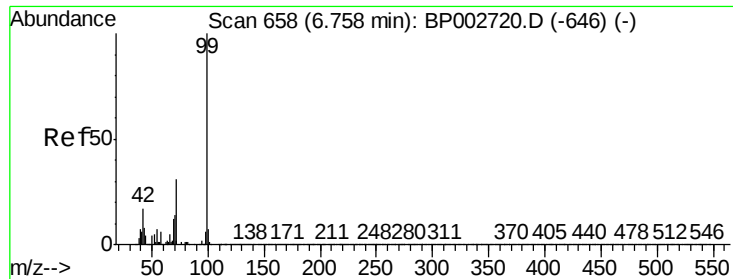


#5

2-Fluorophenol
Concen: 86.783 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	45.6	68.4
63	30.8	23.5	35.3





#7

Phenol-d6

Concen: 82.826 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002777.D

Acq: 16 Jul 2020 17:55

Instrument :

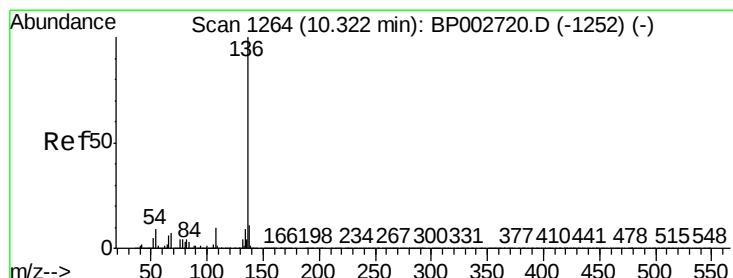
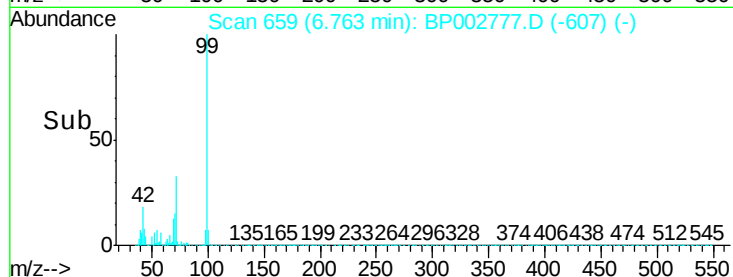
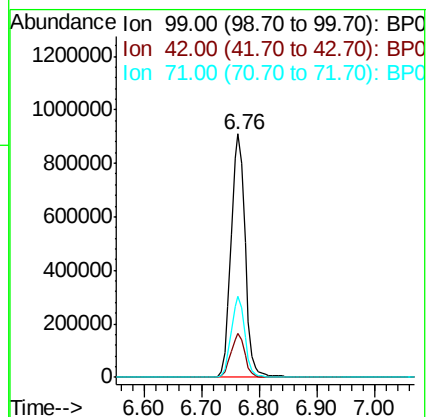
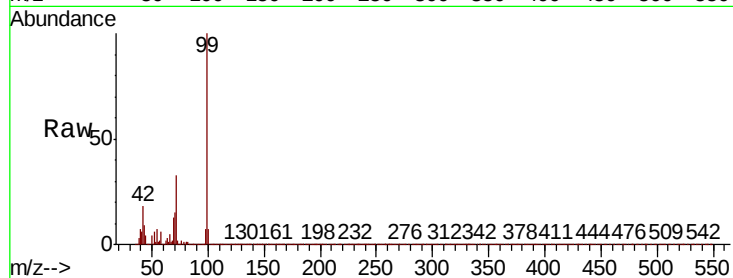
BNA_P

ClientSampleId :

4

Tot Ion: 99 Resp: 1541794

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.4	20.2
71	33.5	24.6	36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

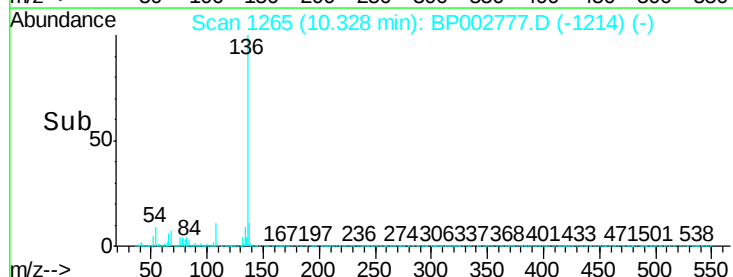
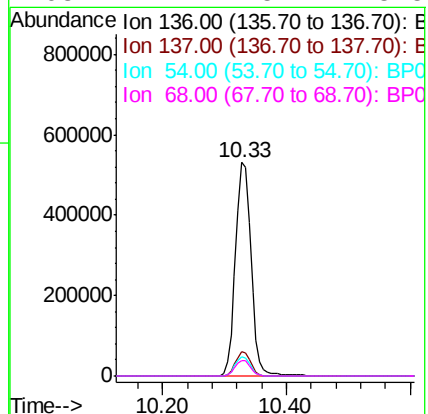
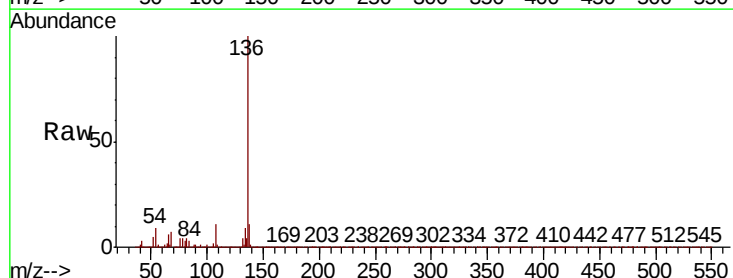
Delta R.T. 0.00 min

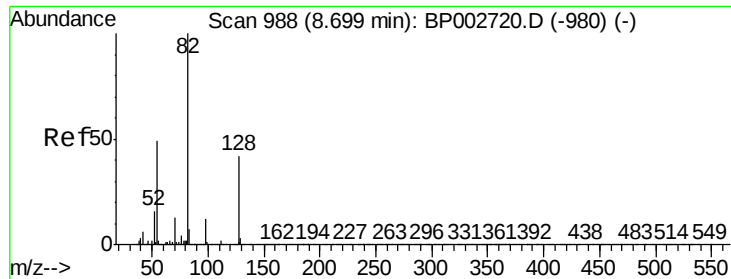
Lab File: BP002777.D

Acq: 16 Jul 2020 17:55

Tgt Ion: 136 Resp: 934686

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	13.0
54	9.1	6.9	10.3
68	7.4	5.7	8.5

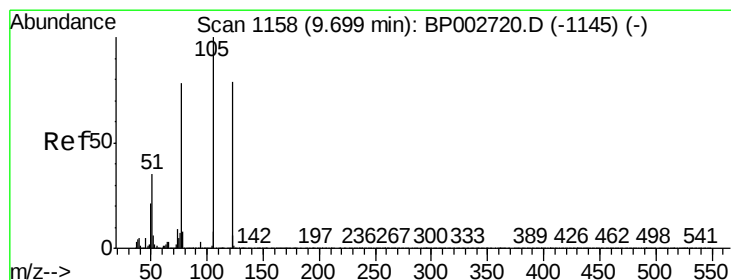
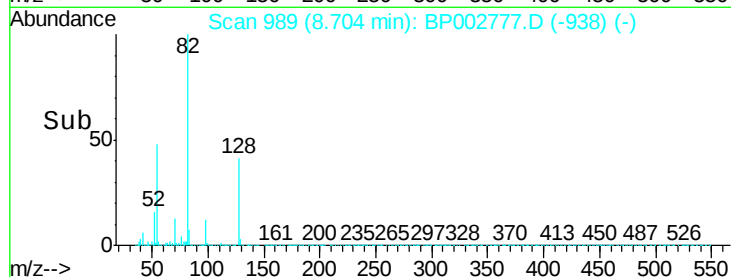
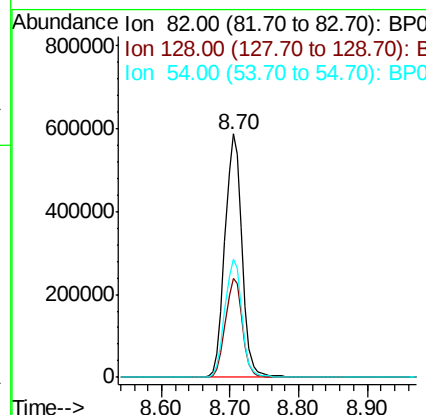
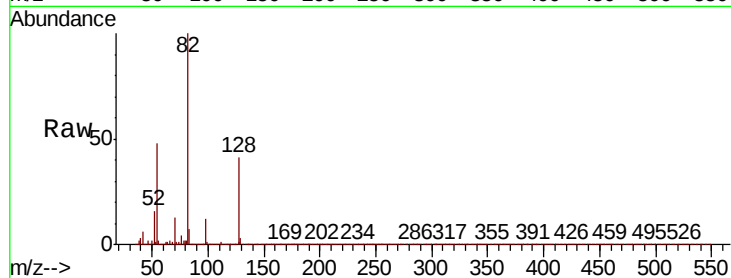




#23
Nitrobenzene-d5
Concen: 58.059 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

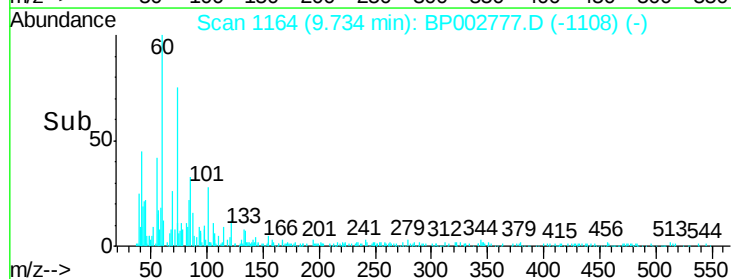
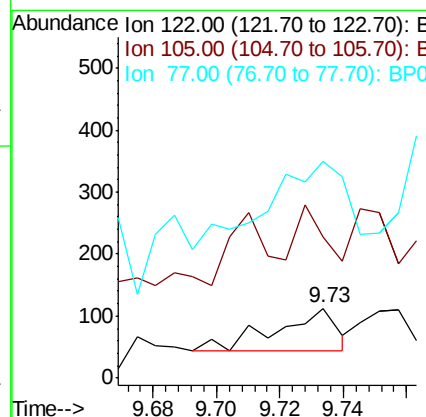
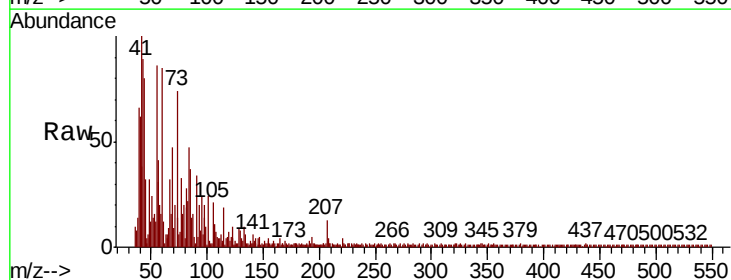
Instrument :
BNA_P
ClientSampleId :
4

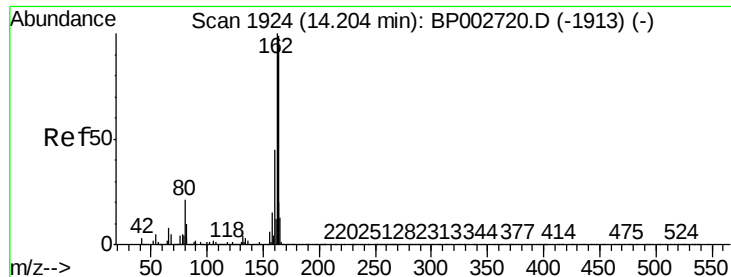
Tot Ion	82	Resp	1014651
Ion Ratio	Lower	Upper	
82	100		
128	40.6	33.8	50.8
54	48.3	38.8	58.2



#32
Benzoic acid
Concen: 7.070 ng
RT: 9.73 min Scan# 1164
Delta R.T. 0.03 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

Tgt Ion	122	Resp	93
Ion Ratio	Lower	Upper	
122	100		
105	202.7	105.4	145.4#
77	311.6	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: BP002777.D

Acq: 16 Jul 2020 17:55

Instrument :

BNA_P

ClientSampled :

4

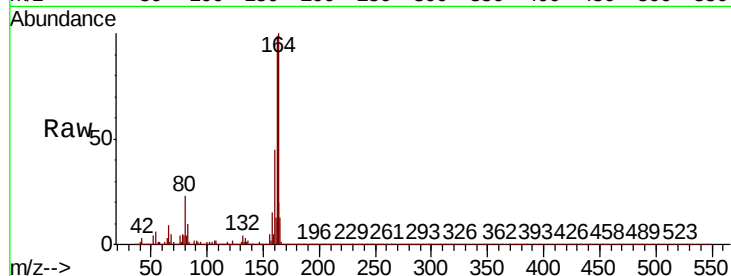
Tot Ion:164 Resp: 556082

Ion Ratio Lower Upper

164 100

162 99.5 80.6 121.0

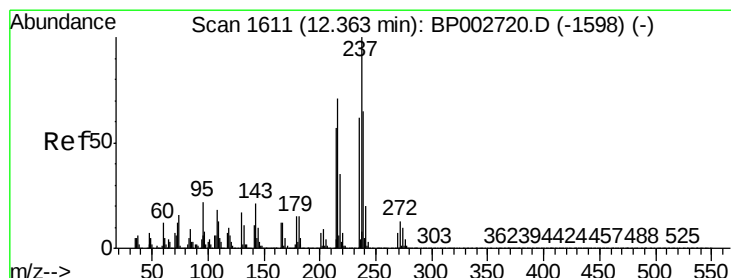
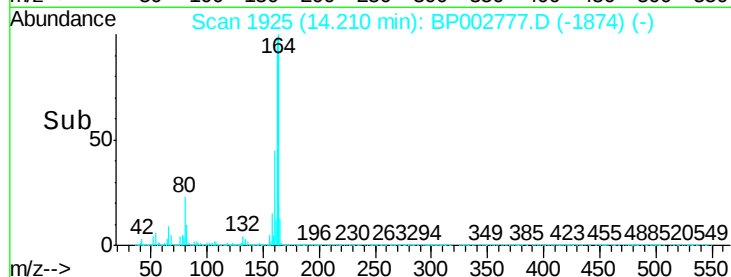
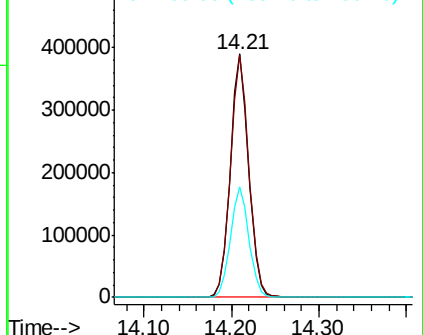
160 45.4 36.4 54.6



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: 7.437 ng

RT: 12.60 min Scan# 1652

Delta R.T. 0.24 min

Lab File: BP002777.D

Acq: 16 Jul 2020 17:55

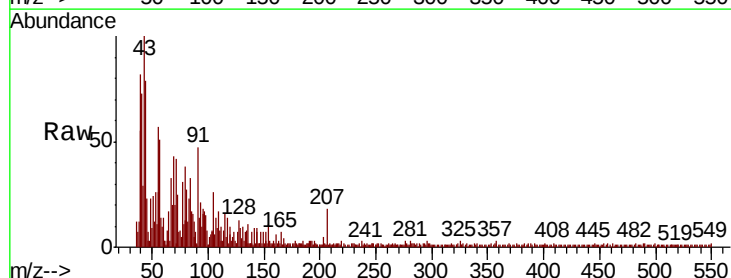
Tgt Ion:237 Resp: 28

Ion Ratio Lower Upper

237 100

235 73.1 42.3 82.3

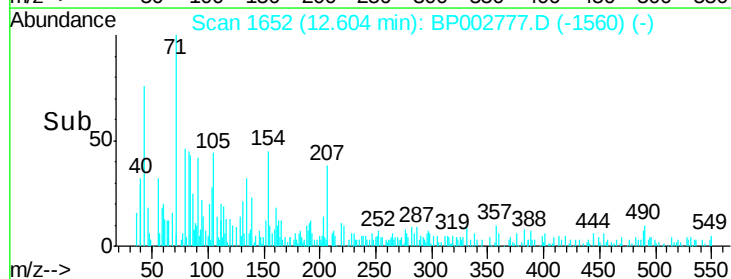
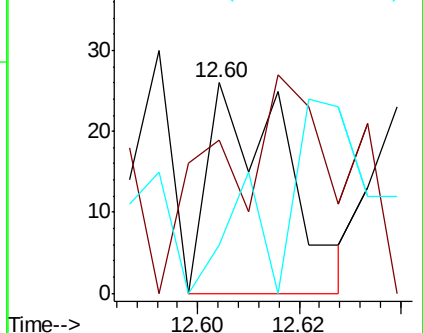
272 23.1 0.0 32.5

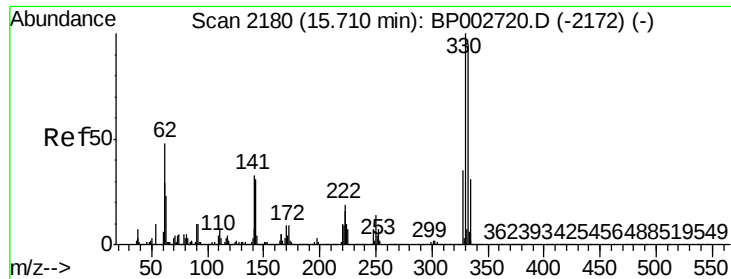


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

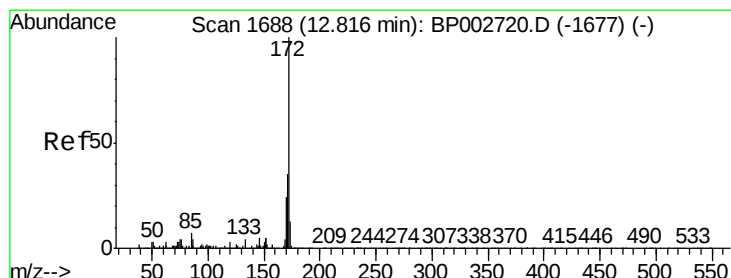
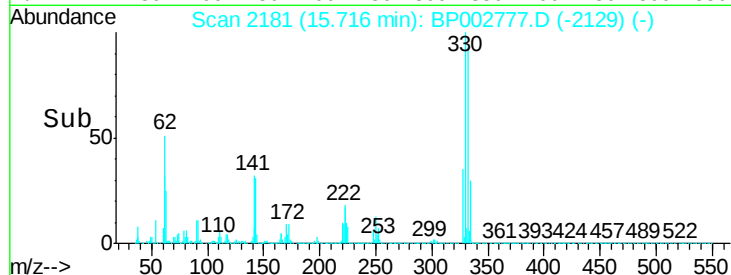
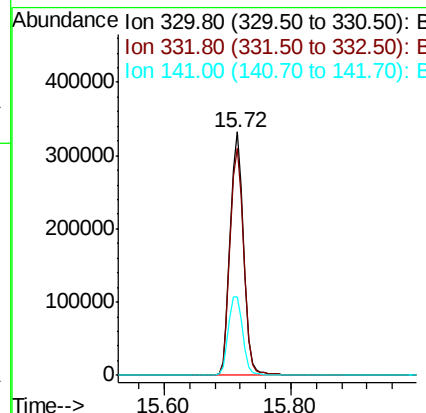
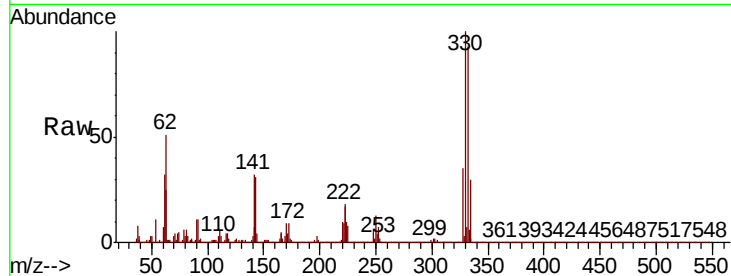




#42
2,4,6-Tribromophenol
Concen: 83.594 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

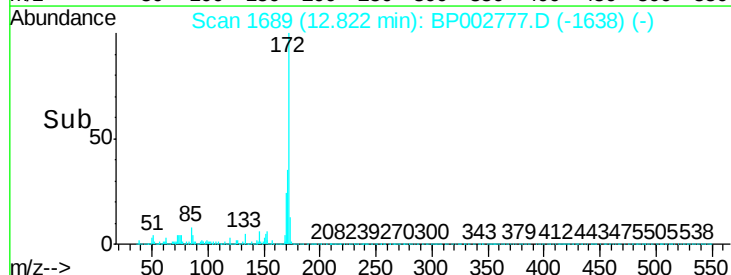
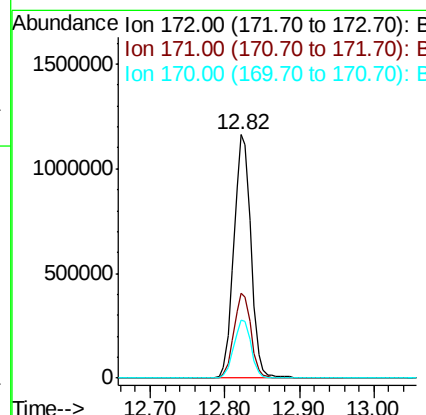
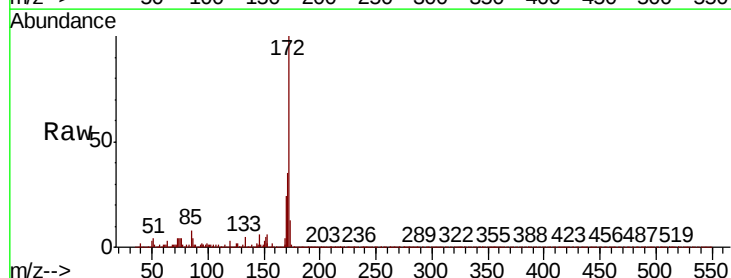
Instrument :
BNA_P
ClientSampleId :
4

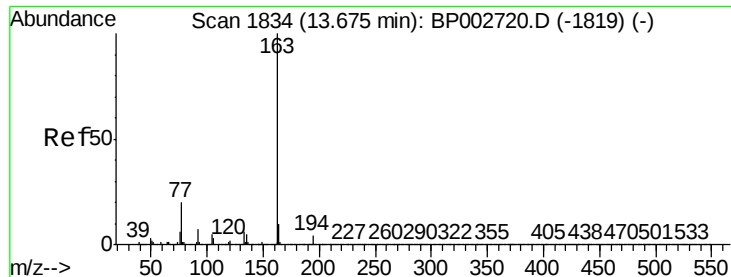
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.5	114.7
141	34.9	28.8	43.2



#45
2-Fluorobiphenyl
Concen: 52.146 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	24.1	19.3	28.9





#50

Dimethylphthalate

Concen: 10.393 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002777.D

Acq: 16 Jul 2020 17:55

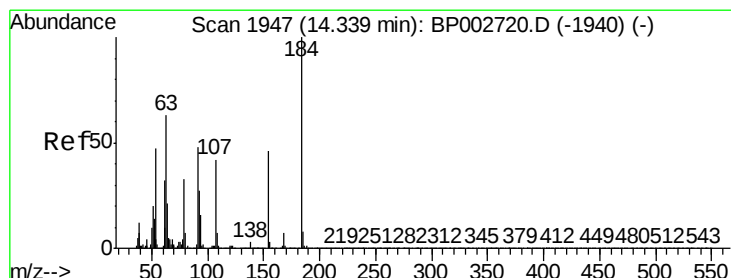
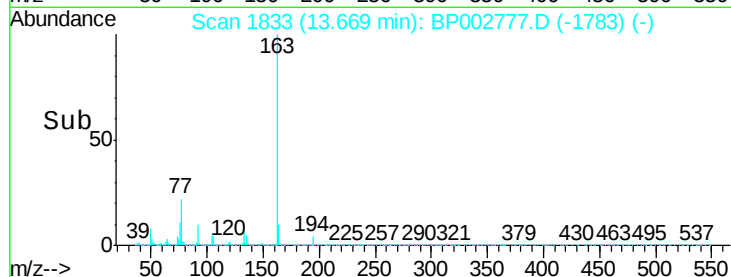
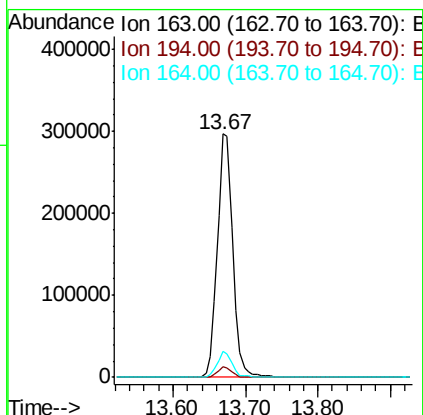
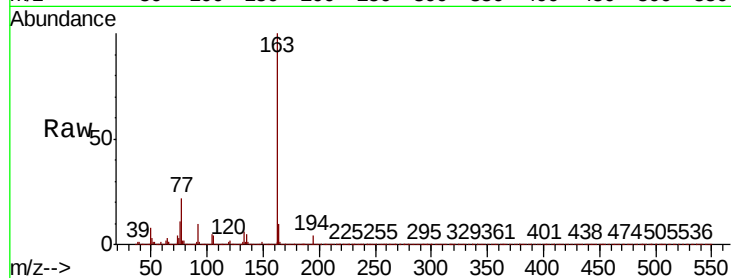
Instrument :

BNA_P

ClientSampleId :

4

Tot Ion:	163	Resp:	440765
Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	7.8	11.8



#54

2,4-Dinitrophenol

Concen: 11.376 ng

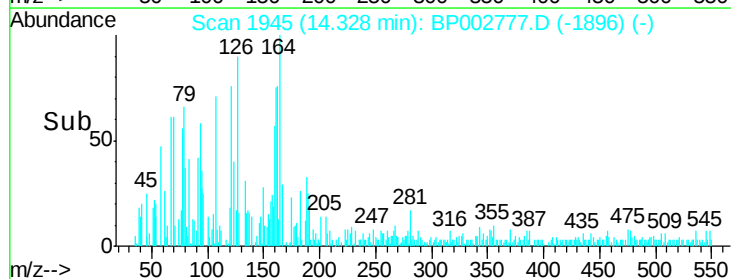
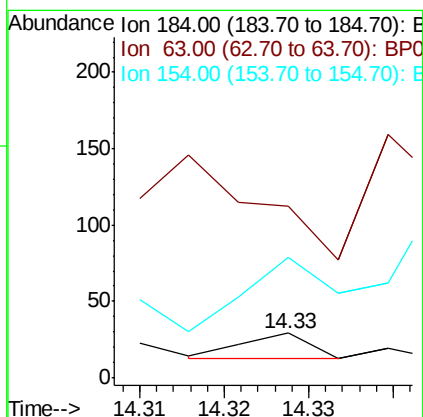
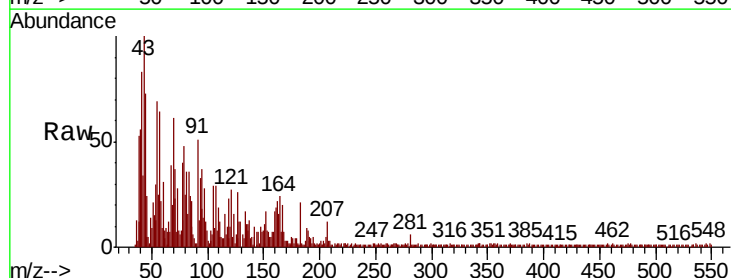
RT: 14.33 min Scan# 1945

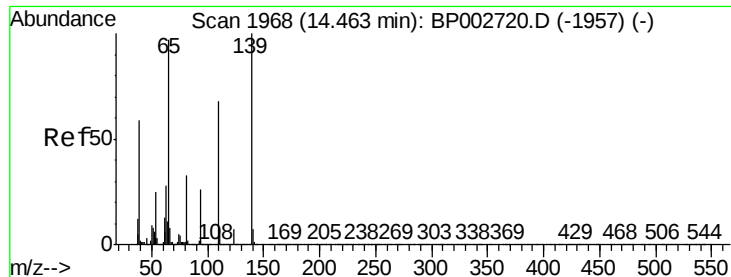
Delta R.T. -0.01 min

Lab File: BP002777.D

Acq: 16 Jul 2020 17:55

Tgt Ion:	184	Resp:	9
Ion	Ratio	Lower	Upper
184	100		
63	266.7	51.6	77.4#
154	188.1	45.0	67.6#

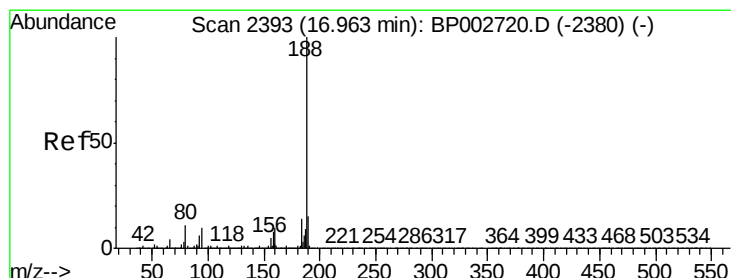
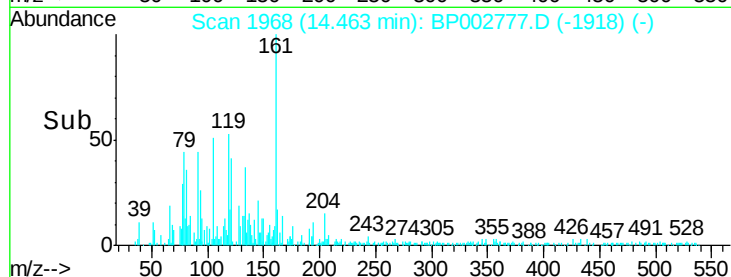
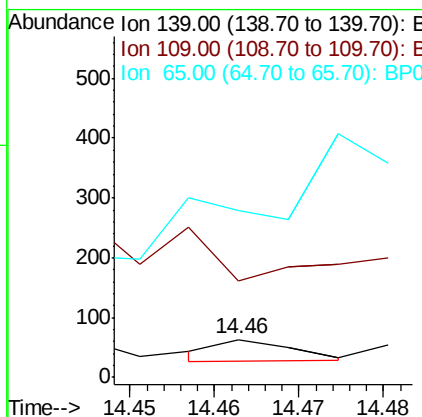
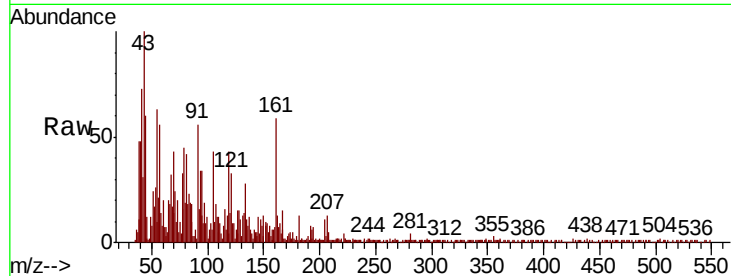




#56
4-Nitrophenol
Concen: 4.975 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

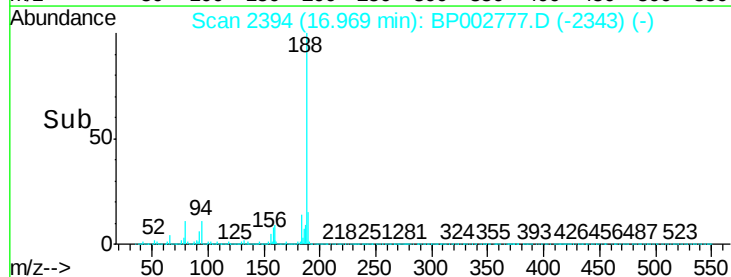
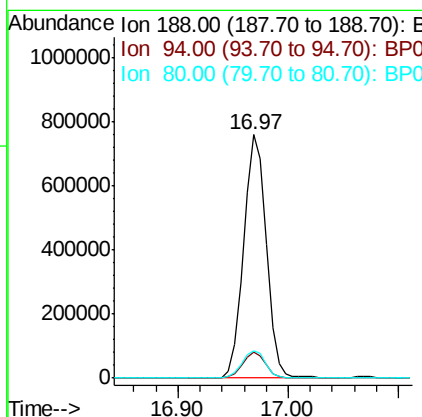
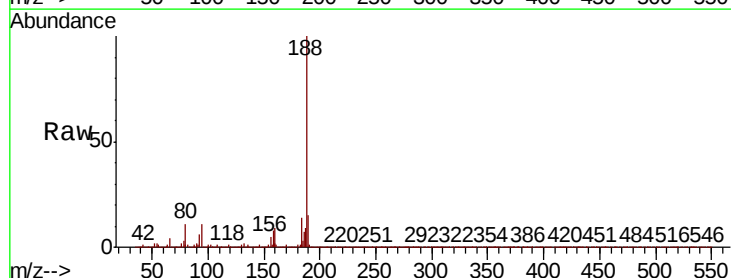
Instrument :
BNA_P
ClientSampled :
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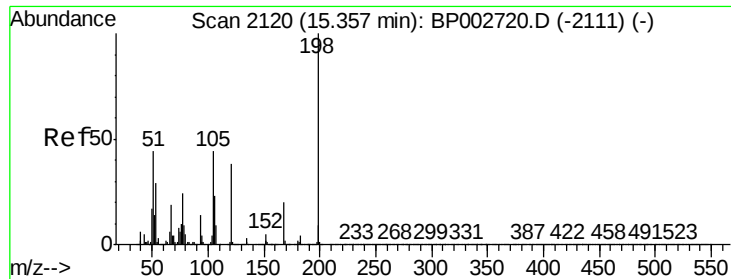
Tot Ion:139 Resp: 24
Ion Ratio Lower Upper
139 100
109 257.1 48.1 88.1#
65 444.4 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

Tgt Ion:188 Resp: 1099171
Ion Ratio Lower Upper
188 100
94 10.7 8.1 12.1
80 11.4 8.9 13.3

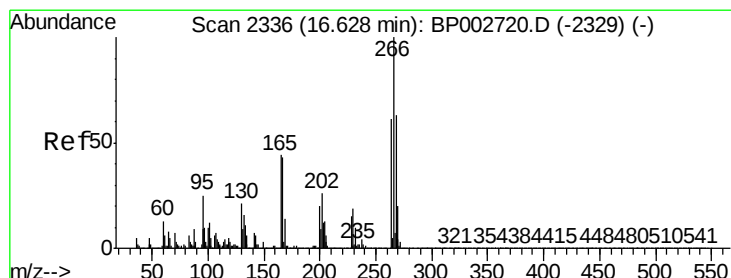
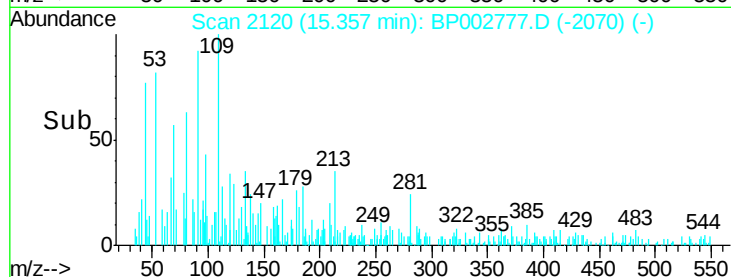
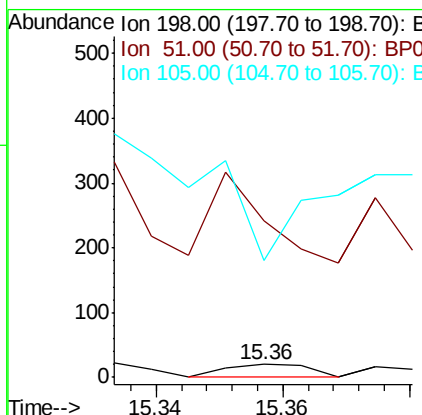
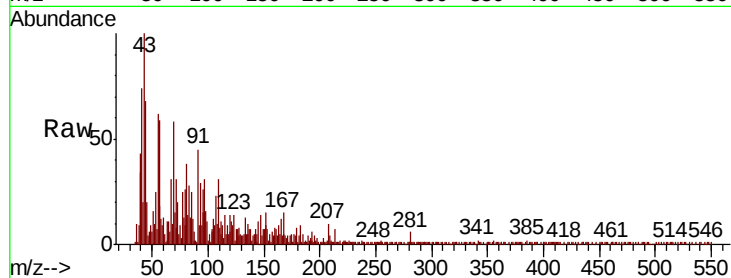




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.269 ng
 RT: 15.36 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BP002777.D
 Acq: 16 Jul 2020 17:55

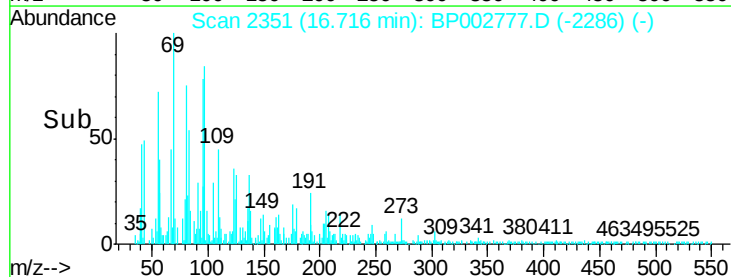
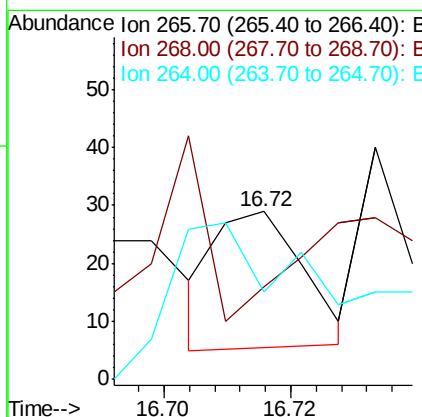
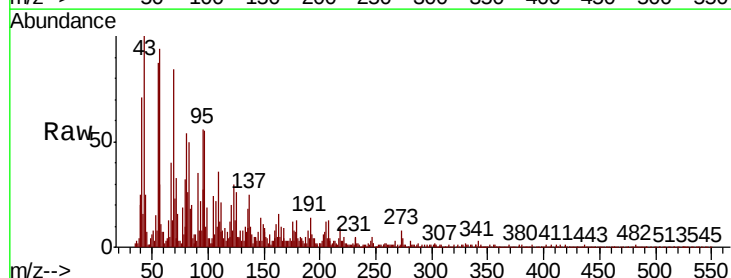
Instrument :
 BNA_P
 ClientSampleId :
 4

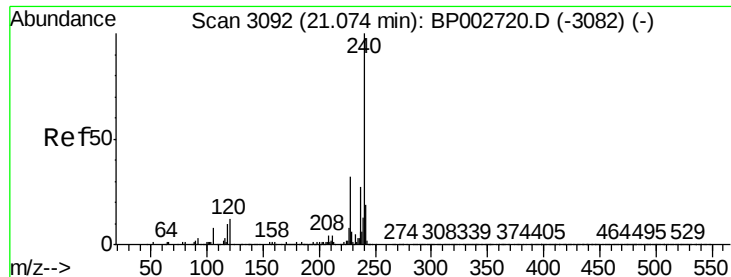
Tot Ion:198 Resp: 19
 Ion Ratio Lower Upper
 198 100
 51 1210.0 27.1 67.1#
 105 905.0 24.9 64.9#



#70
 Pentachlorophenol
 Concen: 7.445 ng
 RT: 16.72 min Scan# 2351
 Delta R.T. 0.08 min
 Lab File: BP002777.D
 Acq: 16 Jul 2020 17:55

Tgt Ion:266 Resp: 23
 Ion Ratio Lower Upper
 266 100
 268 55.2 50.6 75.8
 264 51.7 48.6 72.8

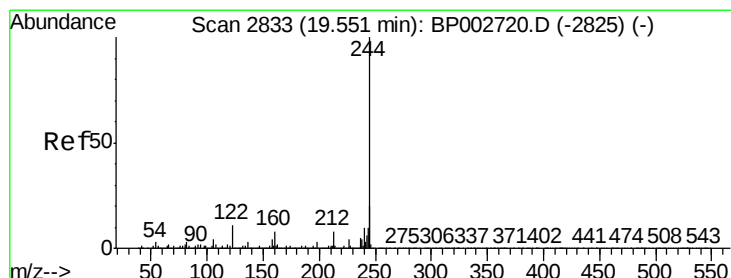
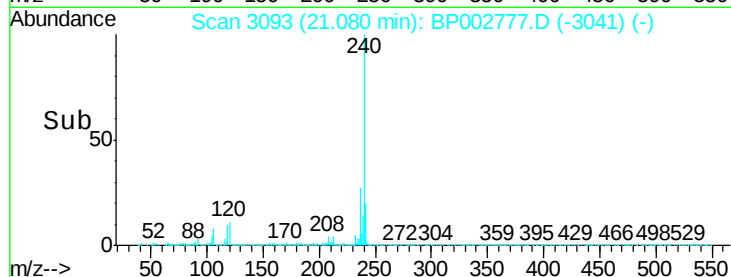
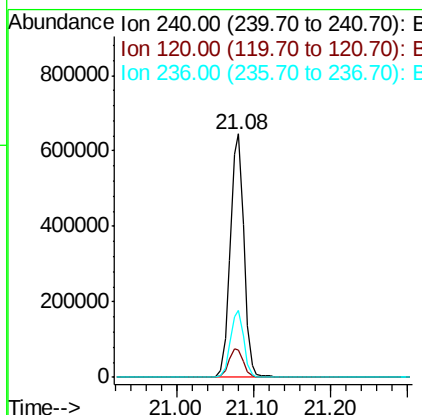
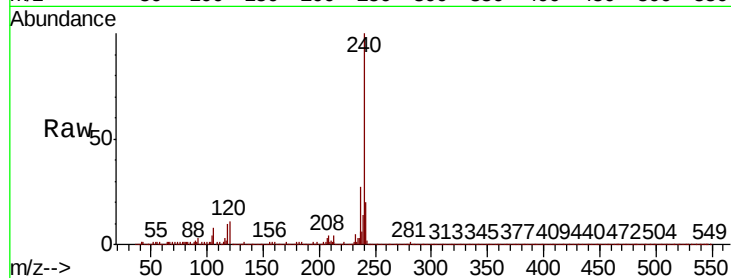




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

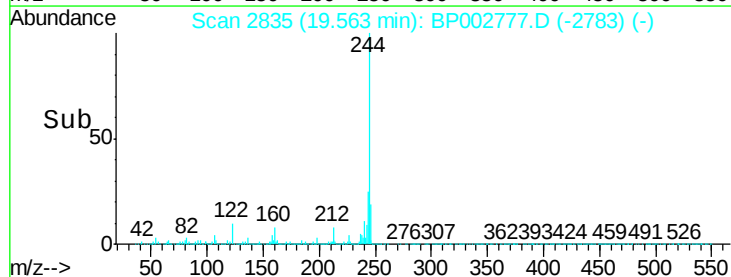
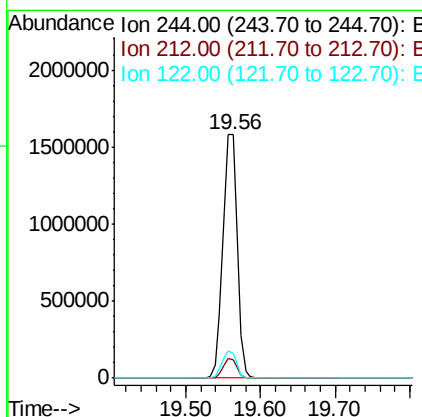
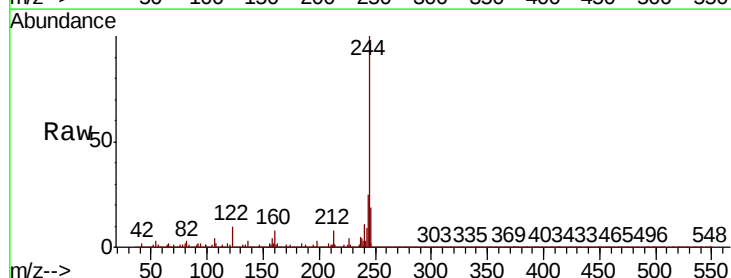
Instrument :
BNA_P
ClientSampleId :
4

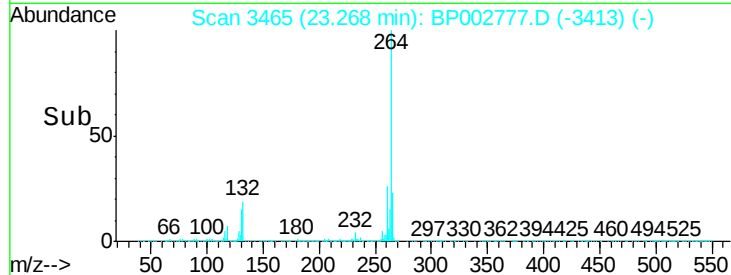
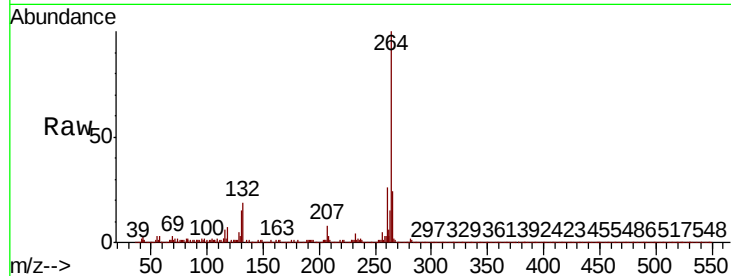
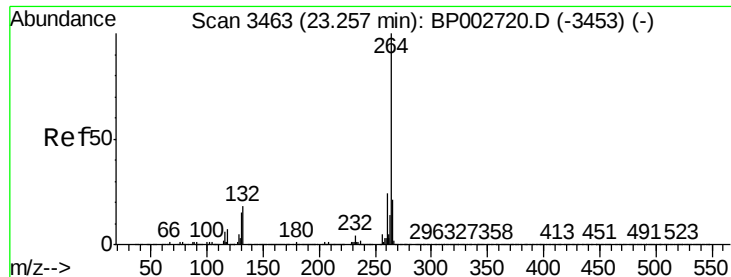
Tot Ion:240 Resp: 805211
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 27.5 21.3 31.9



#79
Terphenyl-d14
Concen: 60.996 ng
RT: 19.56 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BP002777.D
Acq: 16 Jul 2020 17:55

Tgt Ion:244 Resp: 2142216
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 10.1 8.9 13.3





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.27 min Scan# 3465
 Delta R.T. 0.01 min
 Lab File: BP002777.D
 Acq: 16 Jul 2020 17:55

Instrument :
 BNA_P
 ClientSampleId :
 4

Tot Ion:	264	Resp:	666809
Ion	Ratio	Lower	Upper
264	100		
260	26.3	19.3	28.9
265	23.7	16.8	25.2

