

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002778.D
 Acq On : 16 Jul 2020 18:29
 Operator : CG/JU
 Sample : L3308-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 8

Quant Time: Jul 17 00:29:07 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

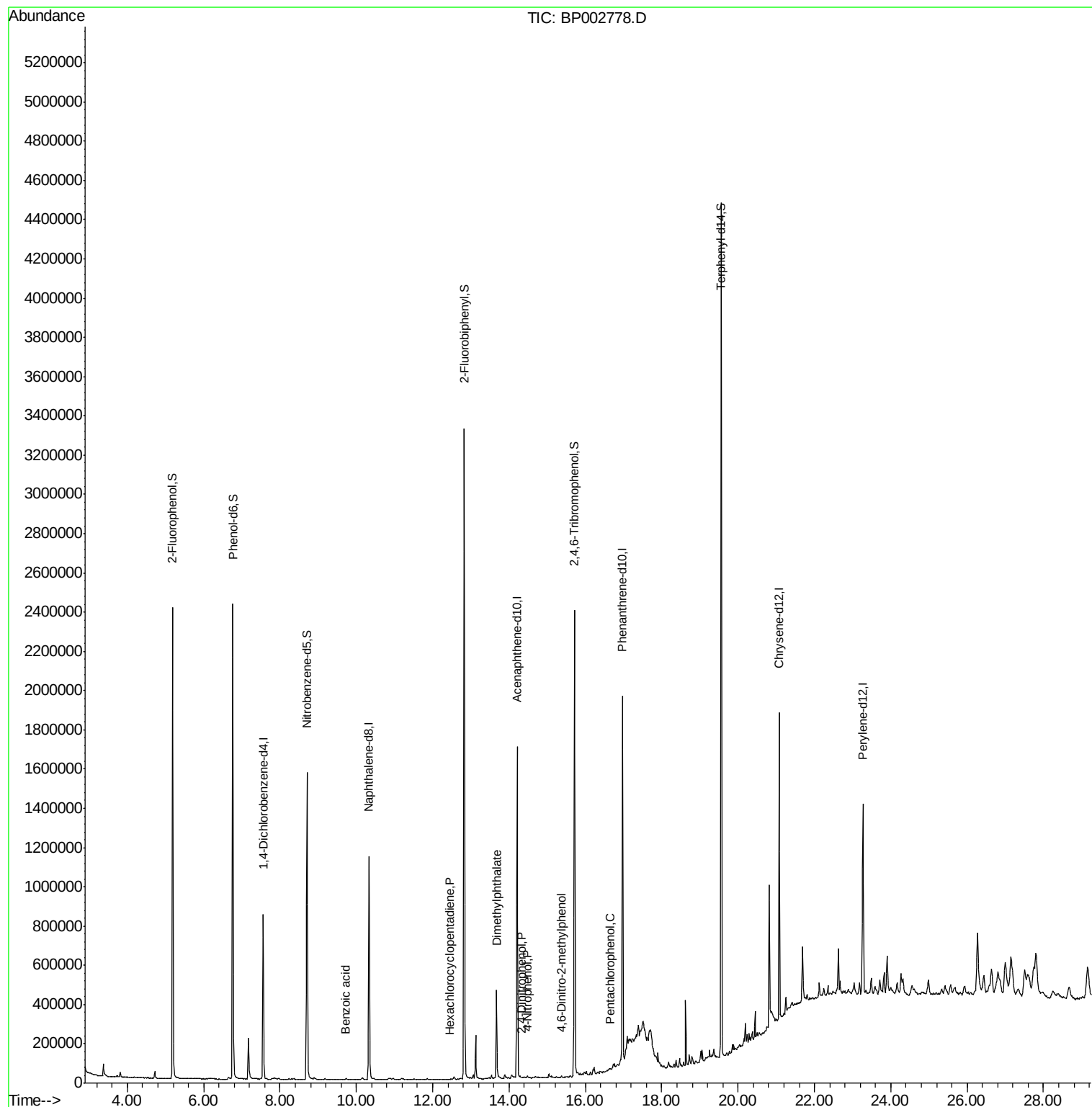
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	222753	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	951205	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	564694	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1072330	20.00	ng	0.00
76) Chrysene-d12	21.08	240	744019	20.00	ng	0.00
86) Perylene-d12	23.27	264	653121	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1044547	79.12	ng	0.00
7) Phenol-d6	6.76	99	1452985	77.11	ng	0.00
23) Nitrobenzene-d5	8.70	82	934401	52.54	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	448952	76.16	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1783013	48.85	ng	0.00
79) Terphenyl-d14	19.56	244	1919011	59.14	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	121	7.072	ng	Qvalue # 17
41) Hexachlorocyclopentadiene	12.43	237	33	7.438	ng	83
50) Dimethylphthalate	13.67	163	307906	7.150	ng	100
54) 2,4-Dinitrophenol	14.34	184	10	11.376	ng	# 1
56) 4-Nitrophenol	14.47	139	79	4.981	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	55	5.274	ng	# 1
70) Pentachlorophenol	16.64	266	17	7.444	ng	95

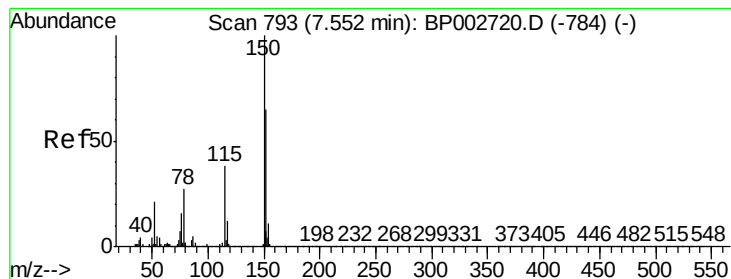
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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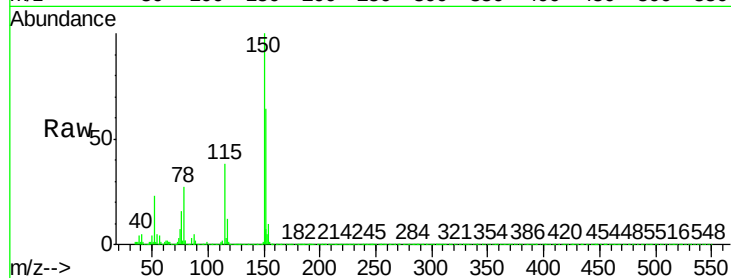


#1

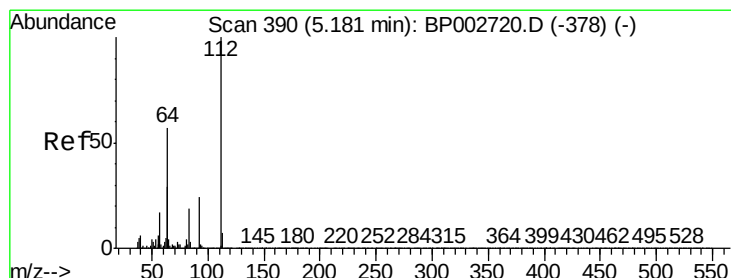
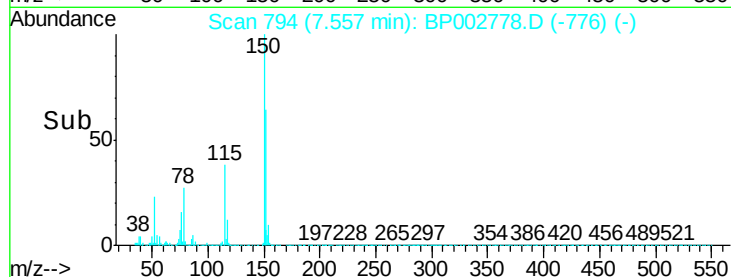
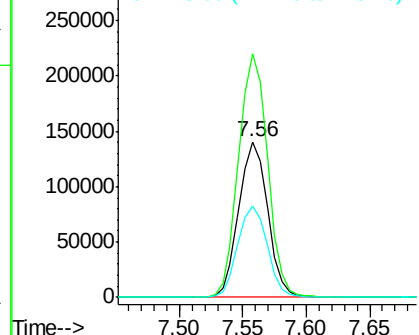
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

Instrument :
BNA_P
ClientSampled :
8

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	123.7	185.5
115	59.0	47.2	70.8



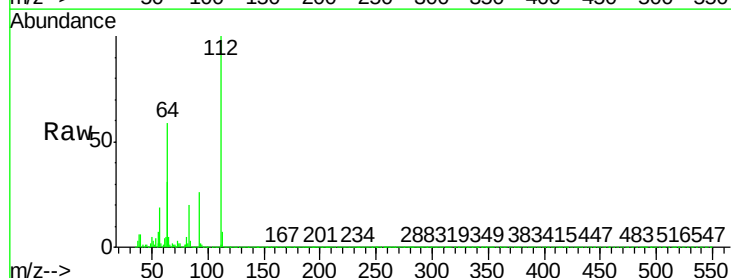
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



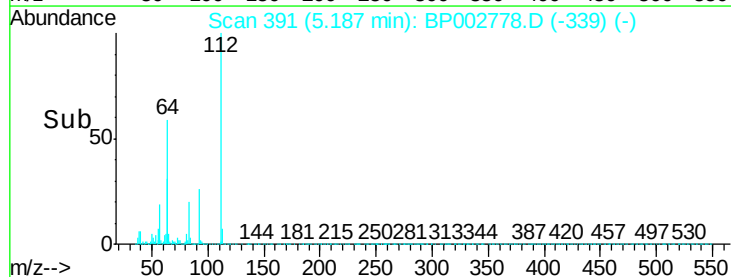
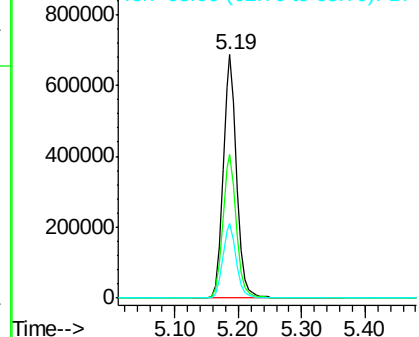
#5

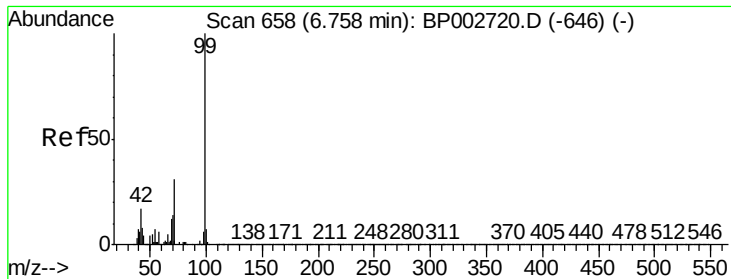
2-Fluorophenol
Concen: 79.117 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	45.6	68.4
63	30.6	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: 77.113 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002778.D

Acq: 16 Jul 2020 18:29

Instrument :

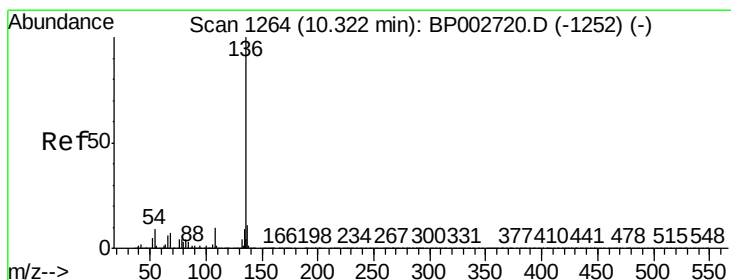
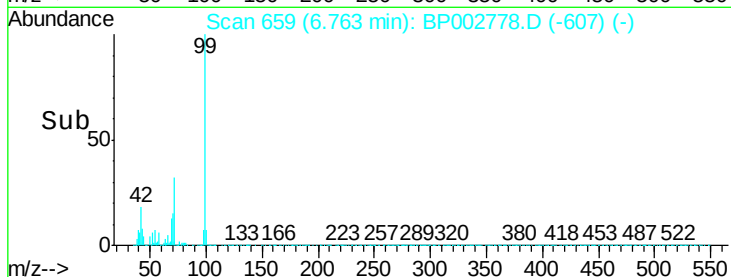
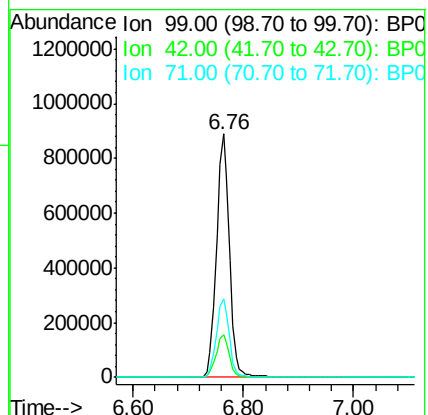
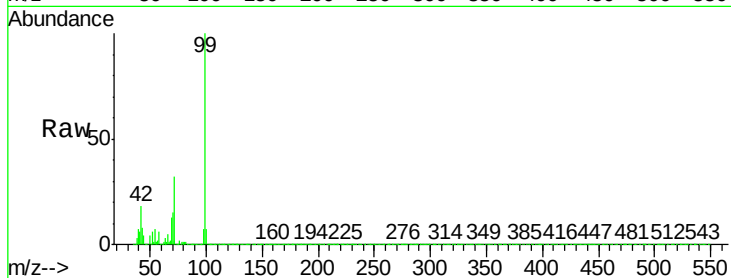
BNA_P

ClientSampleId :

8

Tot Ion: 99 Resp: 1452985

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.4	20.2
71	32.4	24.6	36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

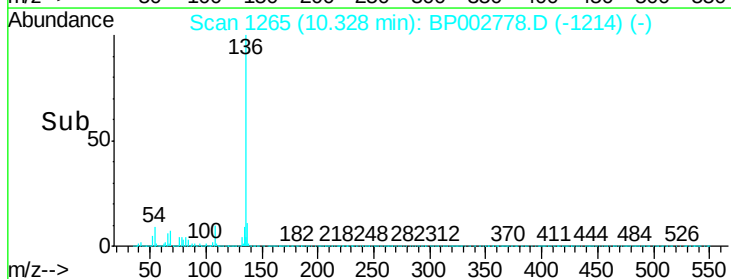
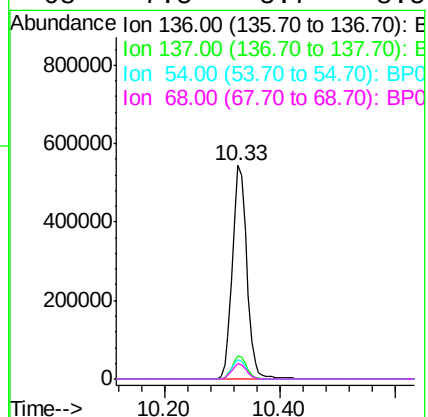
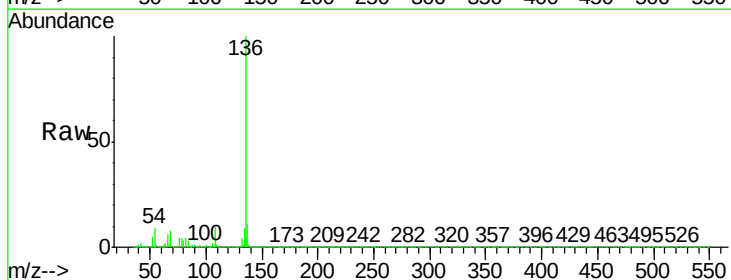
Delta R.T. 0.00 min

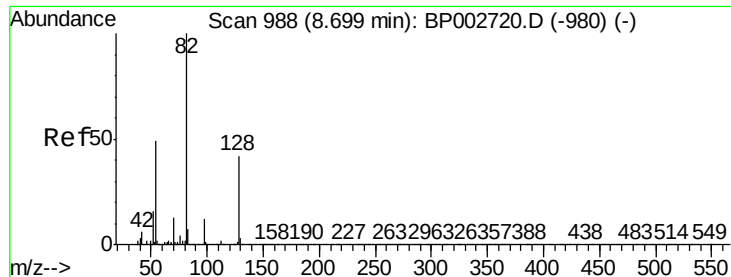
Lab File: BP002778.D

Acq: 16 Jul 2020 18:29

Tgt Ion: 136 Resp: 951205

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.3	6.9	10.3
68	7.5	5.7	8.5

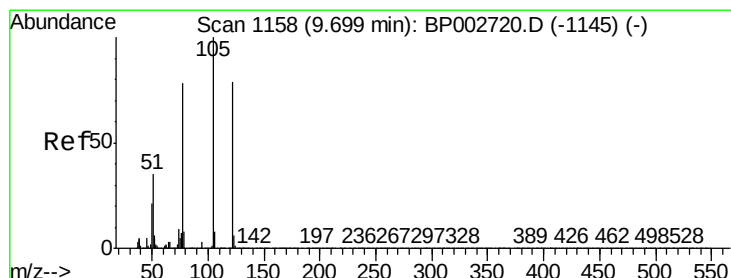
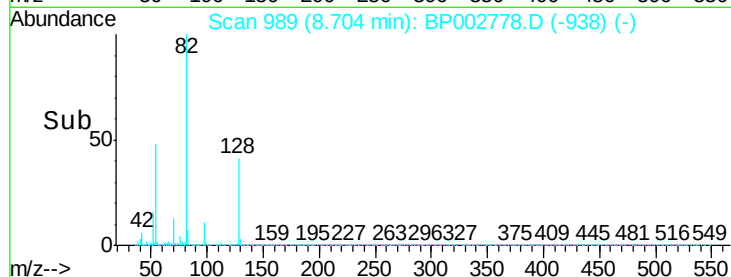
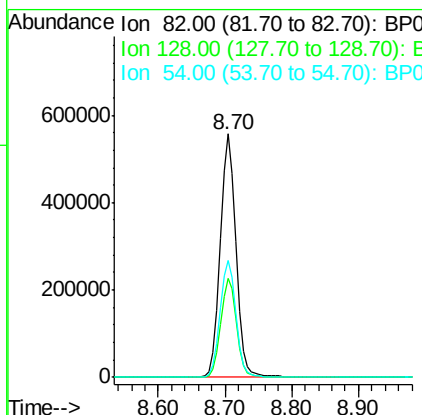
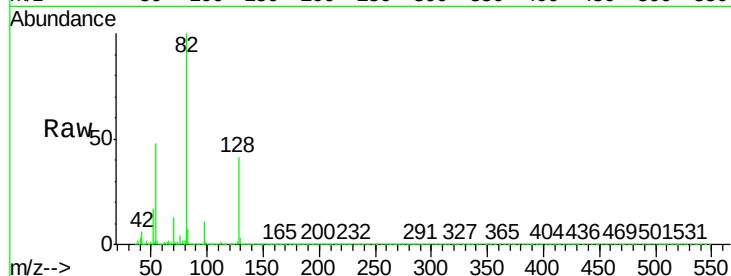




#23
 Nitrobenzene-d5
 Concen: 52.539 ng
 RT: 8.70 min Scan# 989
 Delta R.T. 0.00 min
 Lab File: BP002778.D
 Acq: 16 Jul 2020 18:29

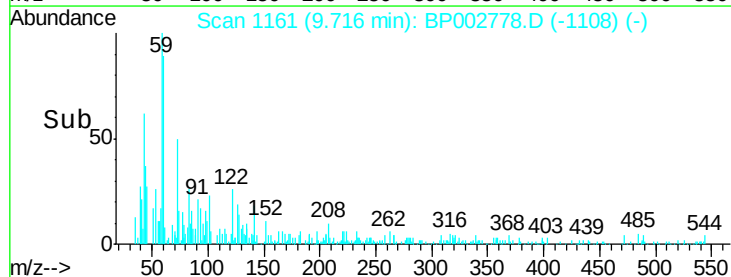
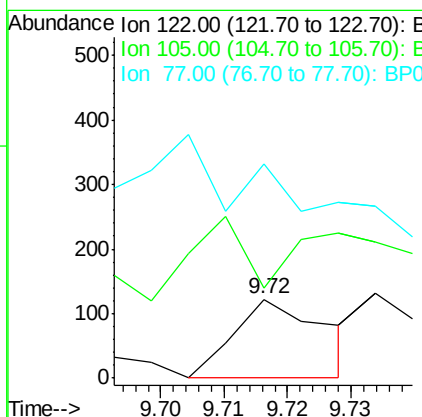
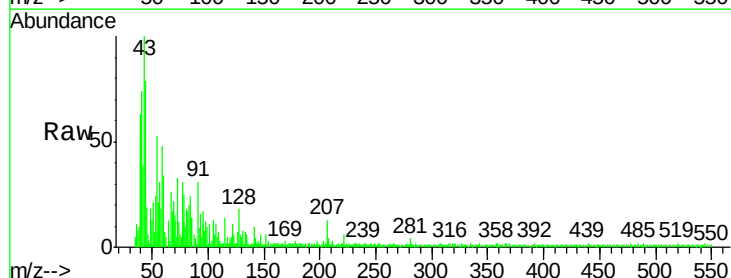
Instrument :
 BNA_P
 ClientSampleId :
 8

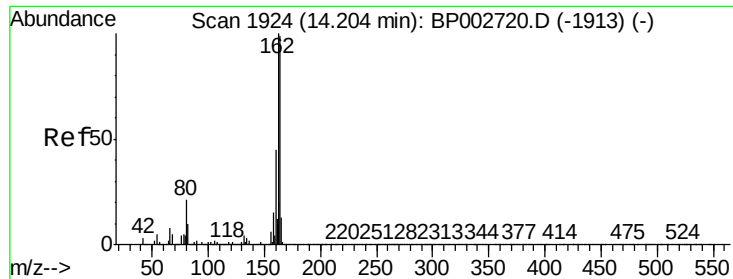
Tot Ion	82	Resp	934401
Ion Ratio	Lower	Upper	
82	100		
128	40.7	33.8	50.8
54	48.1	38.8	58.2



#32
 Benzoic acid
 Concen: 7.072 ng
 RT: 9.72 min Scan# 1161
 Delta R.T. 0.01 min
 Lab File: BP002778.D
 Acq: 16 Jul 2020 18:29

Tgt Ion	122	Resp	121
Ion Ratio	Lower	Upper	
122	100		
105	113.9	105.4	145.4
77	272.1	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: BP002778.D

Acq: 16 Jul 2020 18:29

Instrument :

BNA_P

ClientSampled :

8

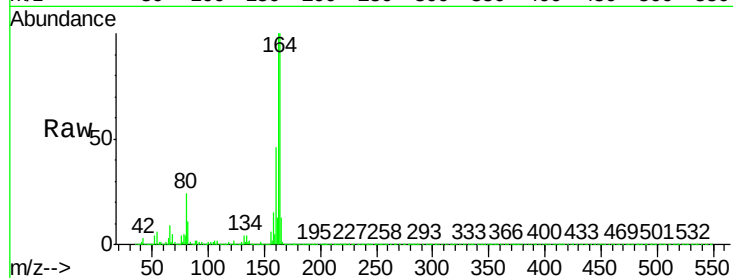
Tot Ion:164 Resp: 564694

Ion Ratio Lower Upper

164 100

162 99.9 80.6 121.0

160 45.6 36.4 54.6

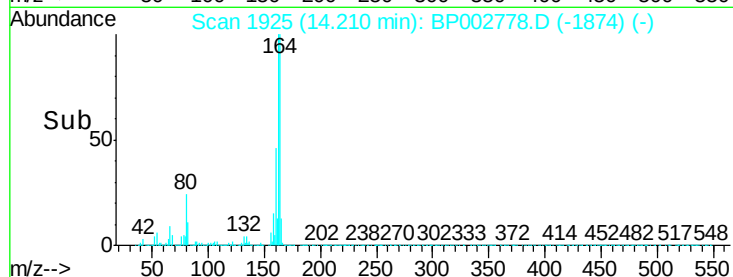


Abundance Ion 164.00 (163.70 to 164.70): E

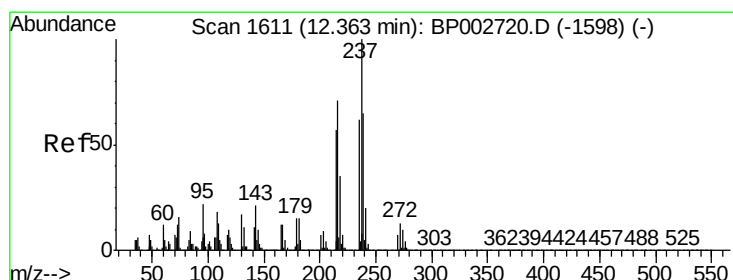
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



Time-->



#41

Hexachlorocyclopentadiene

Concen: 7.438 ng

RT: 12.43 min Scan# 1623

Delta R.T. 0.07 min

Lab File: BP002778.D

Acq: 16 Jul 2020 18:29

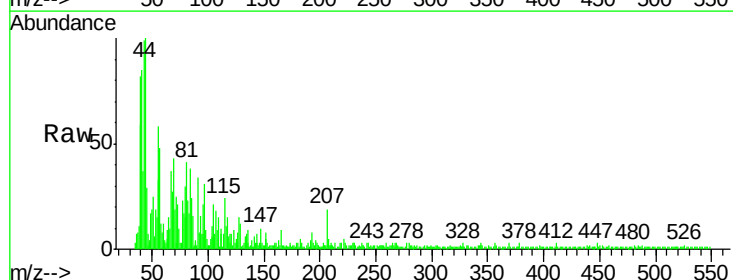
Tgt Ion:237 Resp: 33

Ion Ratio Lower Upper

237 100

235 51.4 42.3 82.3

272 0.0 0.0 32.5

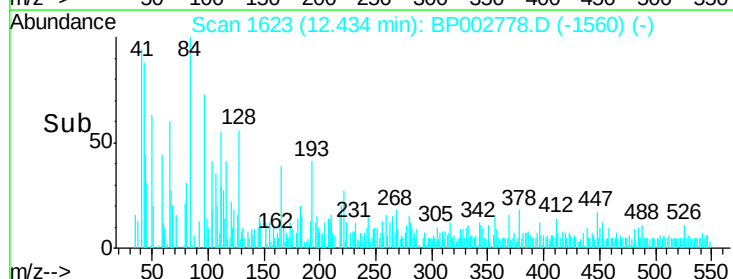


Abundance Ion 236.80 (236.50 to 237.50): E

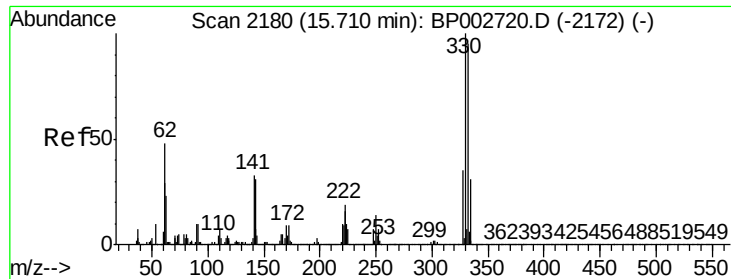
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

Time-->



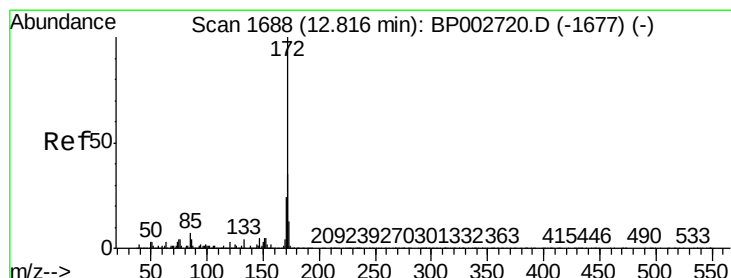
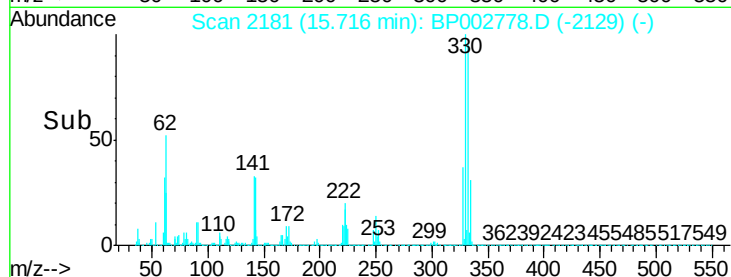
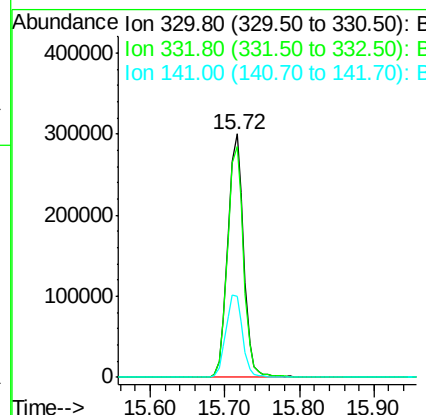
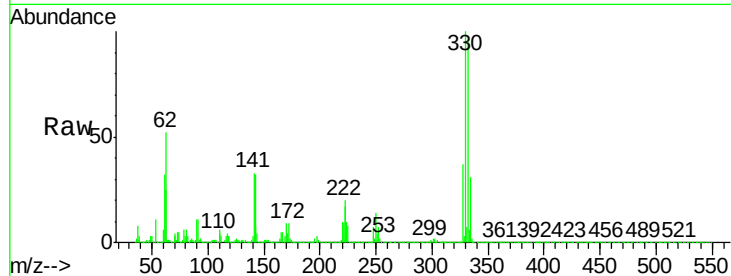
Time-->



#42
2,4,6-Tribromophenol
Concen: 76.164 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

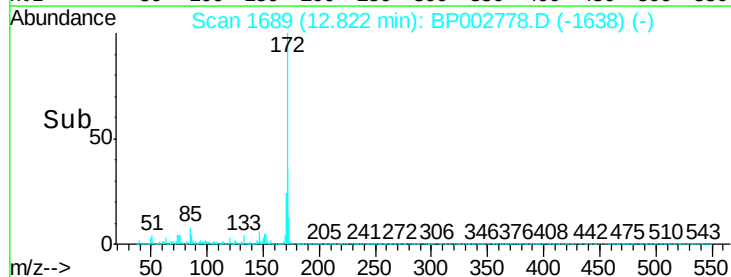
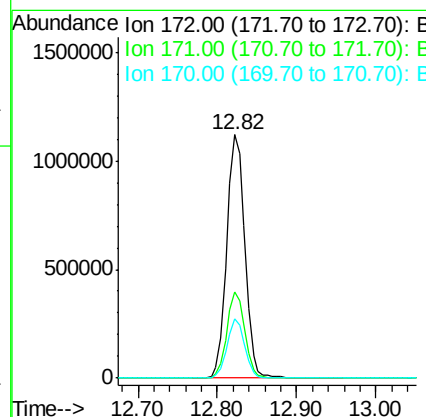
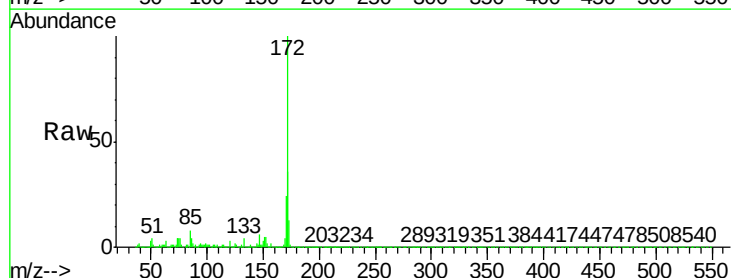
Instrument :
BNA_P
ClientSampleId :
8

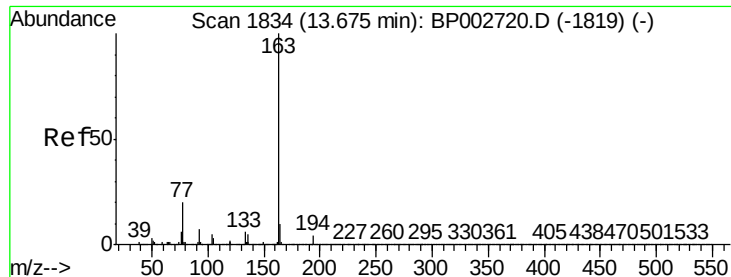
Tot Ion:330 Resp: 448952
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 35.5 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 48.846 ng
RT: 12.82 min Scan# 1689
Delta R.T. 0.00 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

Tgt Ion:172 Resp: 1783013
Ion Ratio Lower Upper
172 100
171 35.6 28.1 42.1
170 24.4 19.3 28.9





#50

Dimethylphthalate

Concen: 7.150 ng

RT: 13.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: BP002778.D

Acq: 16 Jul 2020 18:29

Instrument :

BNA_P

ClientSampleId :

8

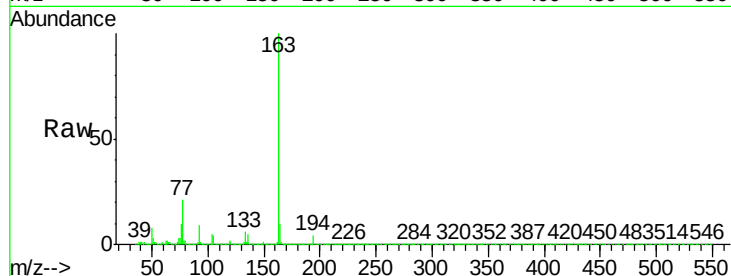
Tot Ion:163 Resp: 307906

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

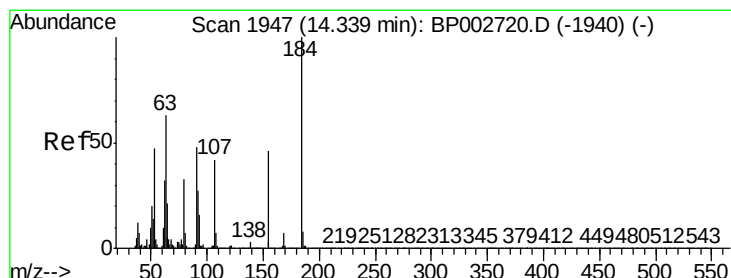
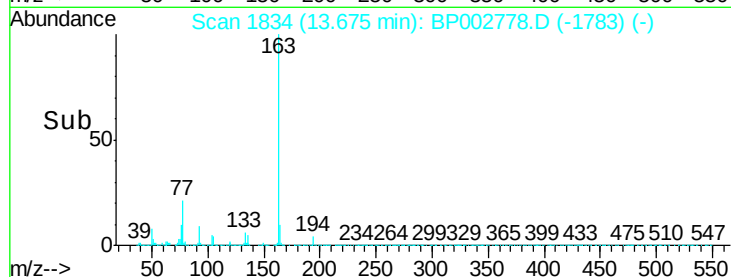
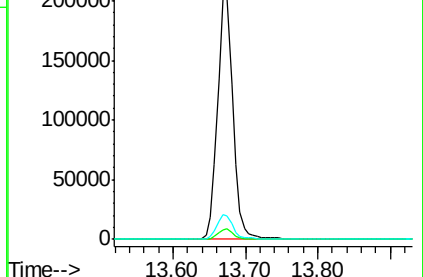
164 9.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 11.376 ng

RT: 14.34 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BP002778.D

Acq: 16 Jul 2020 18:29

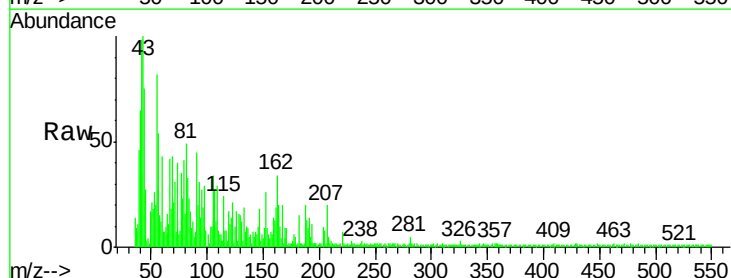
Tgt Ion:184 Resp: 10

Ion Ratio Lower Upper

184 100

63 481.0 51.6 77.4#

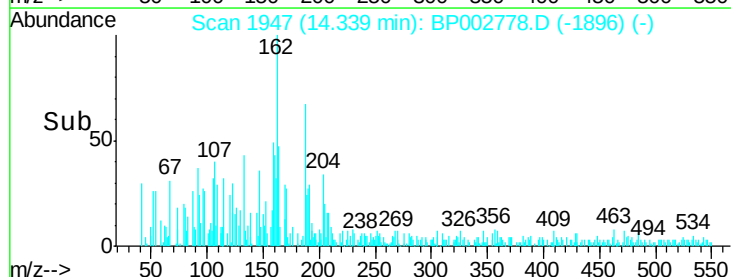
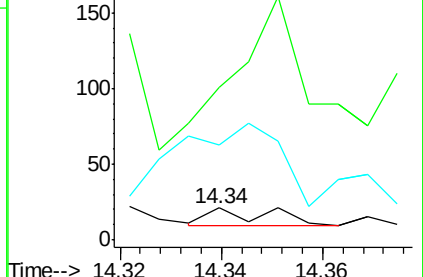
154 300.0 45.0 67.6#

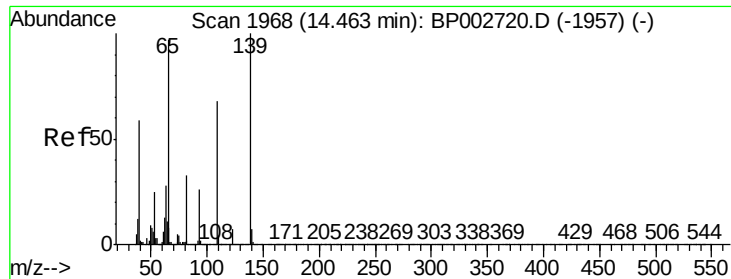


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

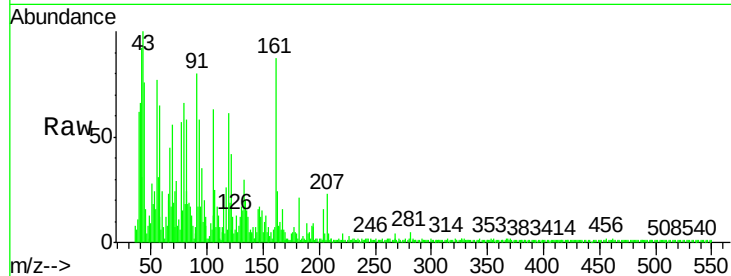




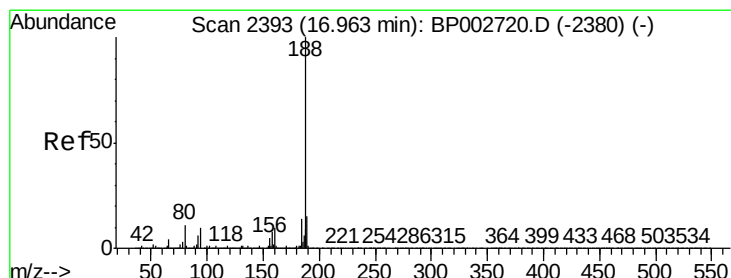
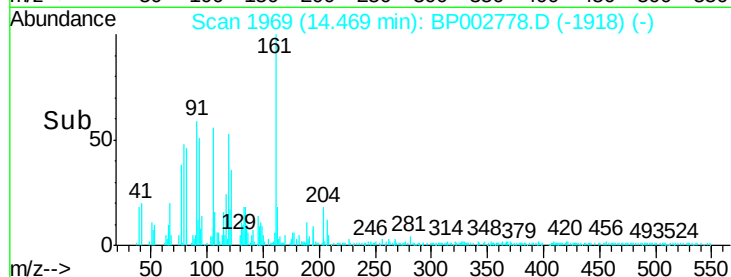
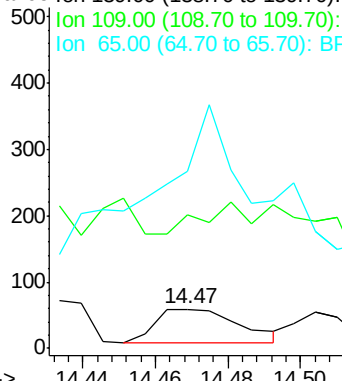
#56
4-Nitrophenol
Concen: 4.981 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

Instrument :
BNA_P
ClientSampled :
8

Tot Ion:139 Resp: 79
Ion Ratio Lower Upper
139 100
109 340.7 48.1 88.1#
65 452.5 77.9 117.9#

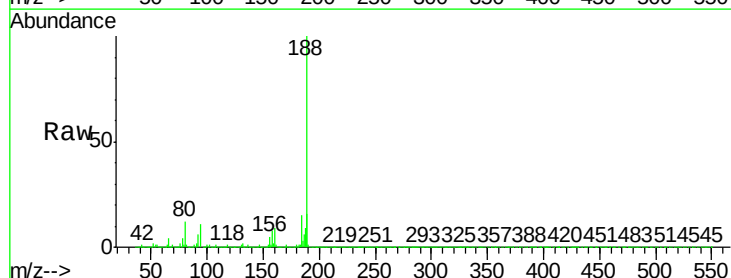


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0

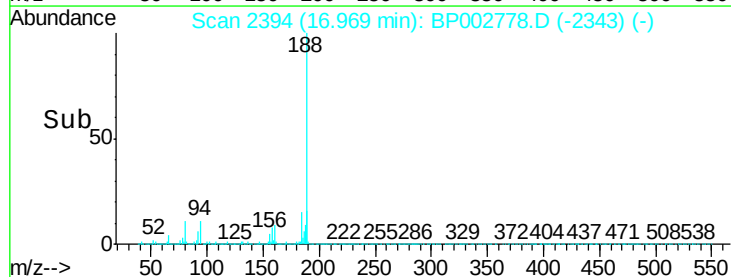
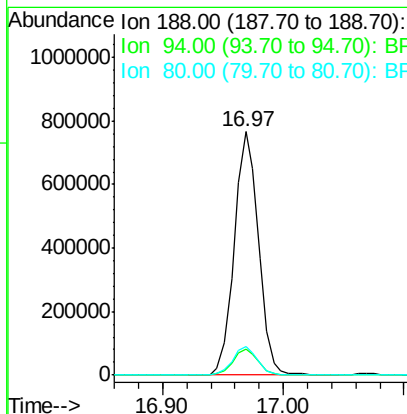


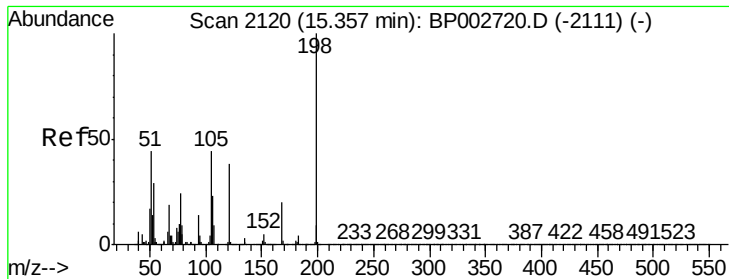
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

Tgt Ion:188 Resp: 1072330
Ion Ratio Lower Upper
188 100
94 10.7 8.1 12.1
80 11.5 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

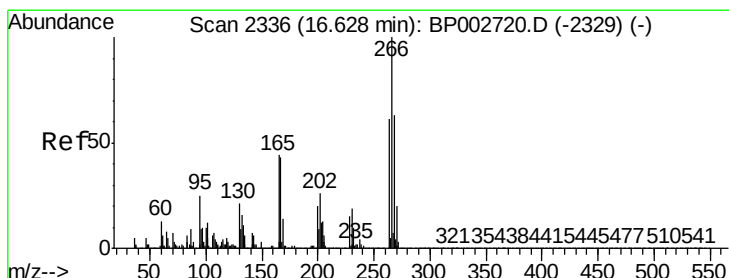
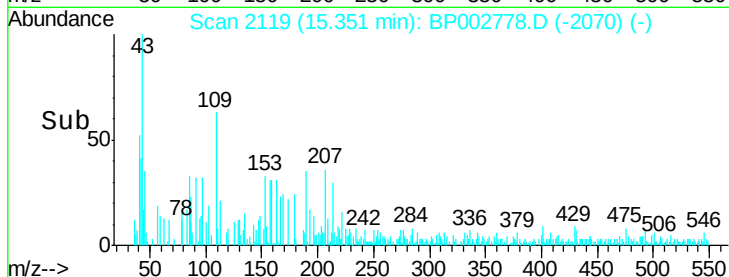
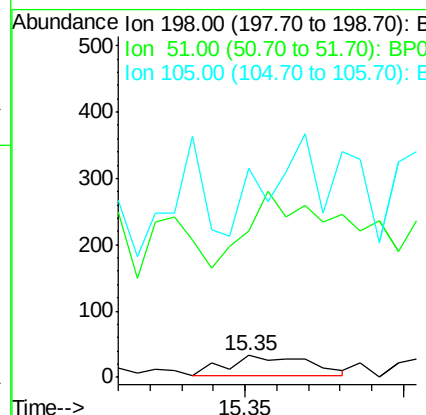
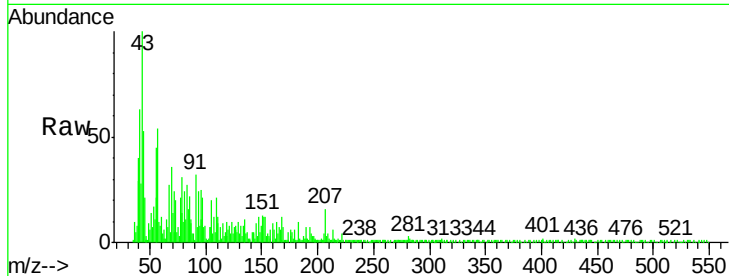




#65
4,6-Dinitro-2-methylphenol
Concen: 5.274 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

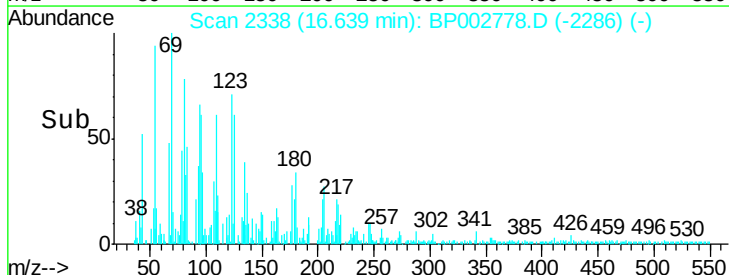
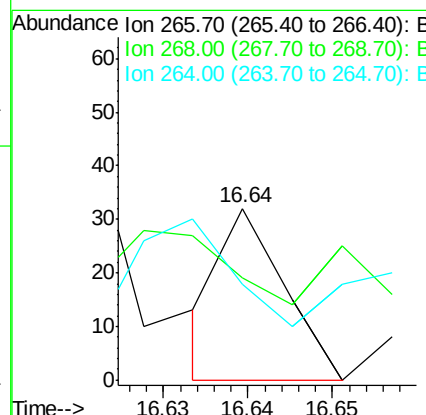
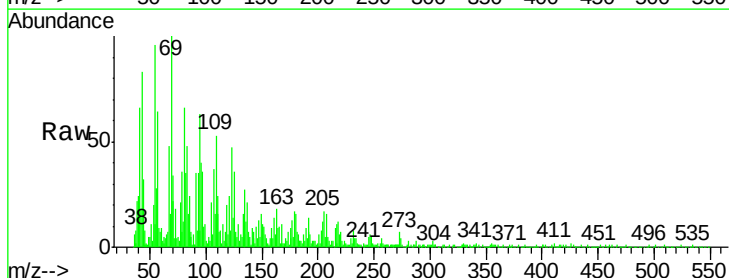
Instrument :
BNA_P
ClientSampled :
8

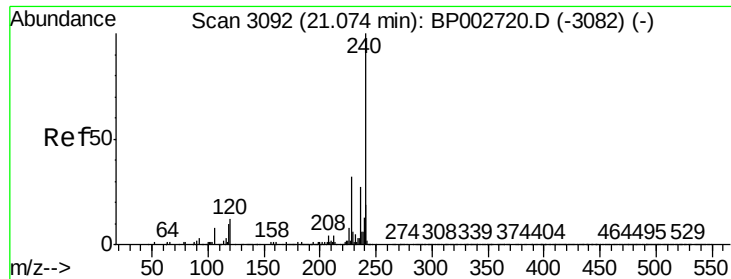
Tot Ion:198 Resp: 55
Ion Ratio Lower Upper
198 100
51 666.7 27.1 67.1#
105 957.6 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.444 ng
RT: 16.64 min Scan# 2338
Delta R.T. 0.01 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

Tgt Ion:266 Resp: 17
Ion Ratio Lower Upper
266 100
268 59.4 50.6 75.8
264 56.3 48.6 72.8

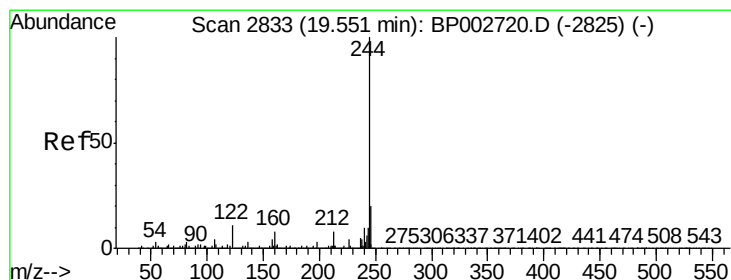
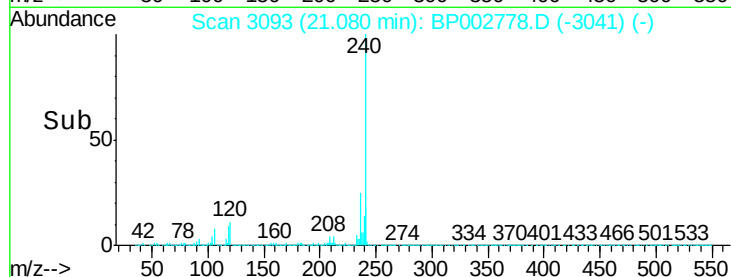
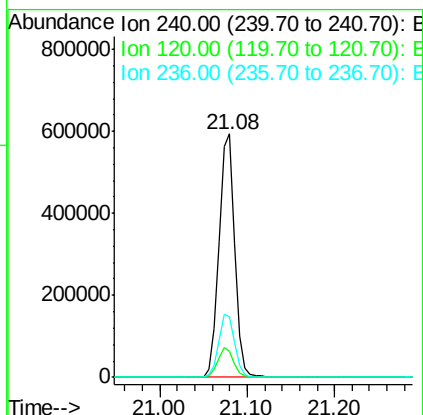
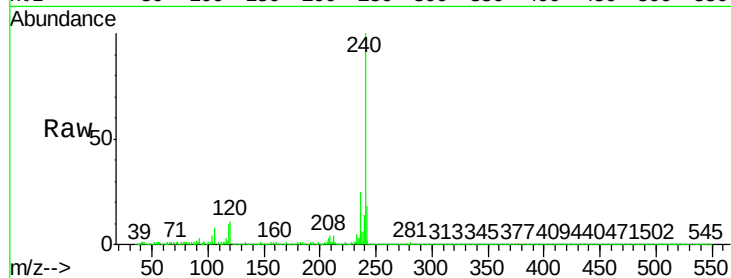




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

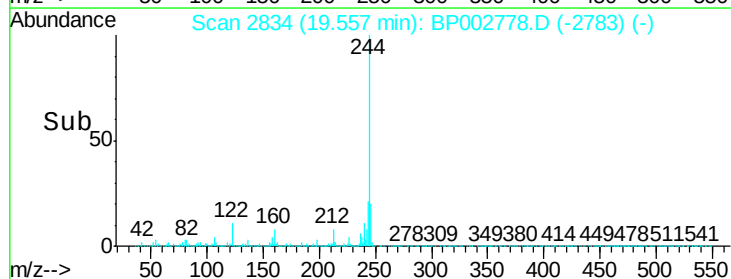
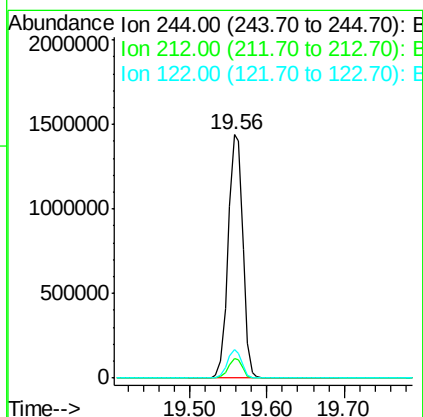
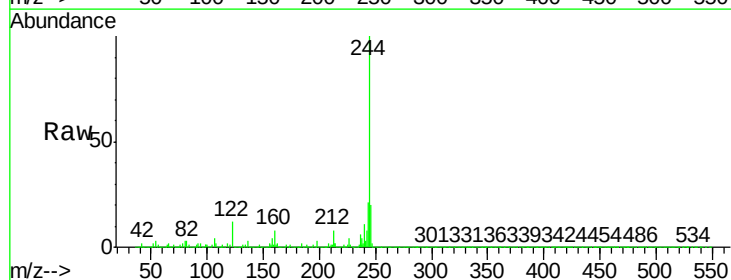
Instrument :
BNA_P
ClientSampleId :
8

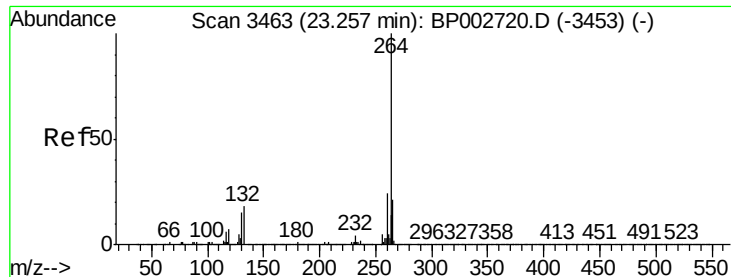
Tot Ion:240 Resp: 744019
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 24.7 21.3 31.9



#79
Terphenyl-d14
Concen: 59.135 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002778.D
Acq: 16 Jul 2020 18:29

Tgt Ion:244 Resp: 1919011
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 11.5 8.9 13.3

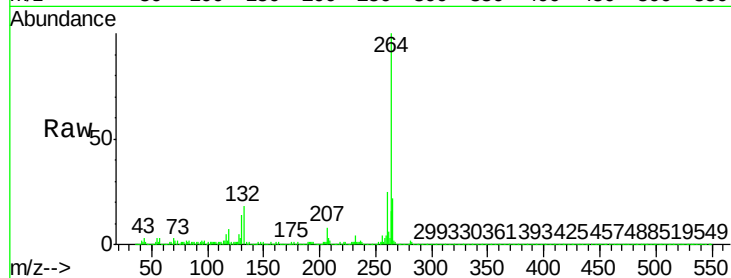




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.27 min Scan# 3465
 Delta R.T. 0.01 min
 Lab File: BP002778.D
 Acq: 16 Jul 2020 18:29

Instrument :
 BNA_P
 ClientSampleId :
 8

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	22.4	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

