

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002773.D
 Acq On : 16 Jul 2020 15:40
 Operator : CG/JU
 Sample : L3308-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 1

Quant Time: Jul 16 16:20:27 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

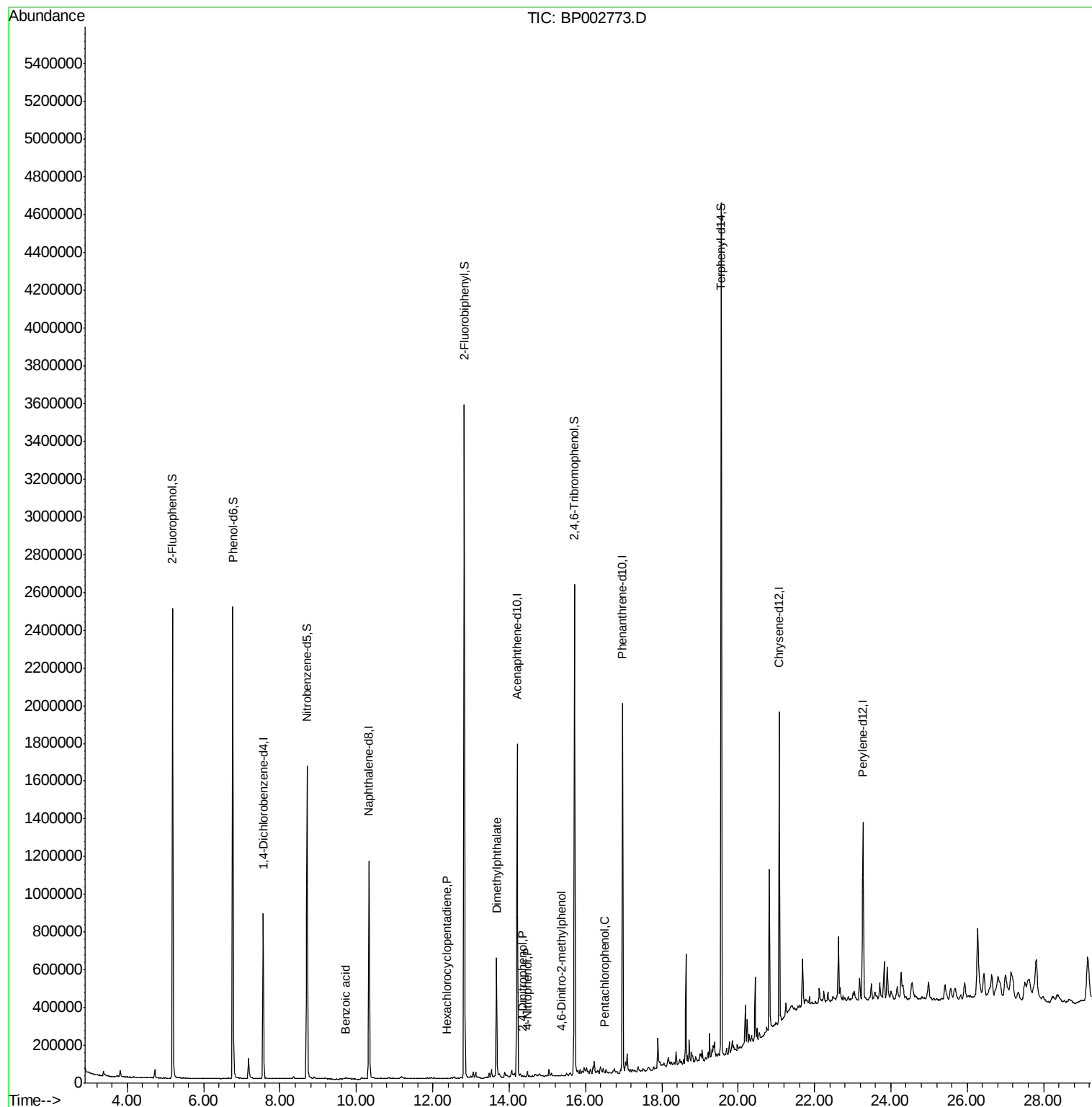
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	225019	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	971845	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	584689	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1125758	20.00	ng	0.00
76) Chrysene-d12	21.08	240	766555	20.00	ng	0.00
86) Perylene-d12	23.27	264	660033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1092589	81.92	ng	0.00
7) Phenol-d6	6.76	99	1529713	80.37	ng	0.00
23) Nitrobenzene-d5	8.70	82	995144	54.77	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	478722	78.44	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1927613	51.00	ng	0.00
79) Terphenyl-d14	19.56	244	1994622	59.66	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	345	7.090	ng	Qvalue # 67
41) Hexachlorocyclopentadiene	12.36	237	53	7.440	ng	89
50) Dimethylphthalate	13.67	163	413329	9.269	ng	98
54) 2,4-Dinitrophenol	14.36	184	30	11.379	ng	# 1
56) 4-Nitrophenol	14.46	139	37	4.976	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.37	198	31	5.271	ng	# 1
70) Pentachlorophenol	16.50	266	18	7.444	ng	93

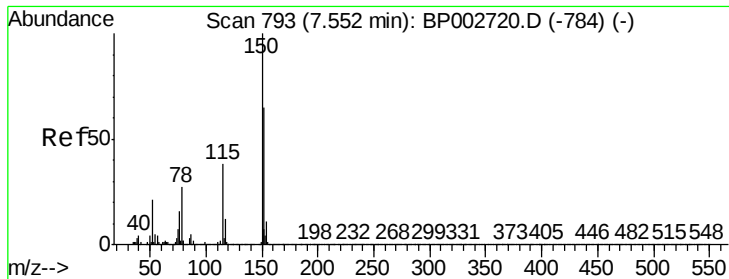
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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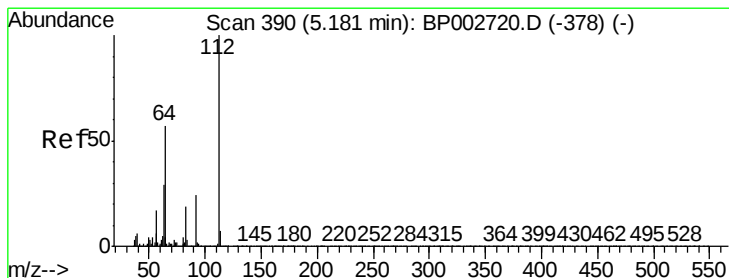
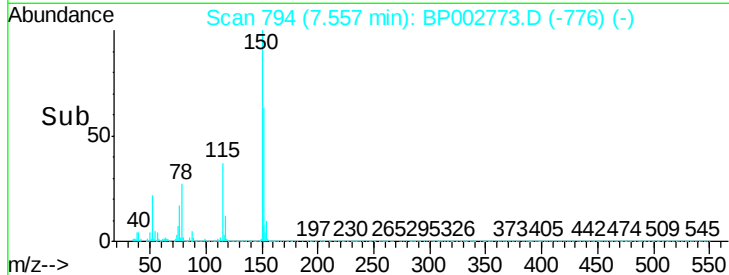
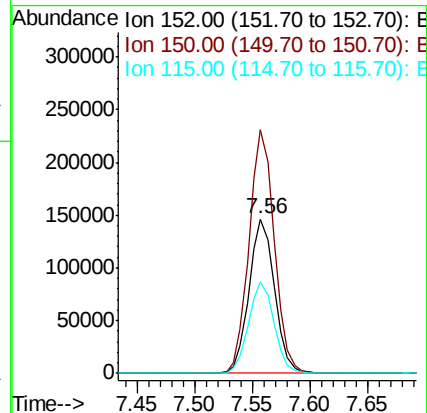
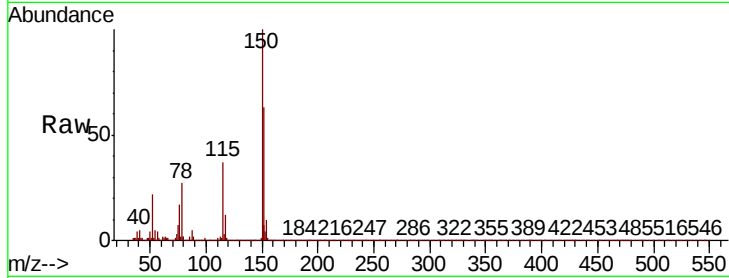


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002773.D
Acq: 16 Jul 2020 15:40

Instrument :
BNA_P
ClientSampleId :
1

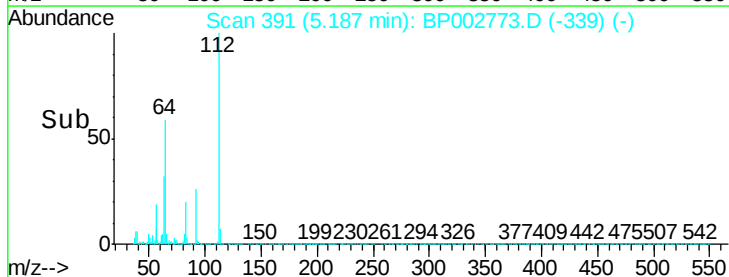
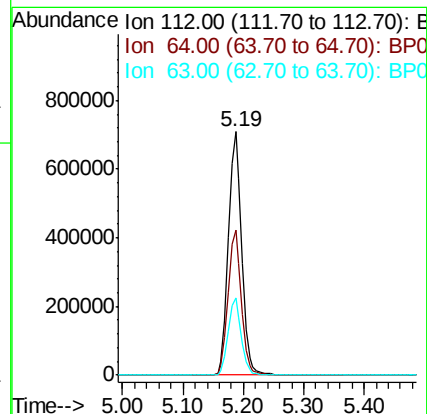
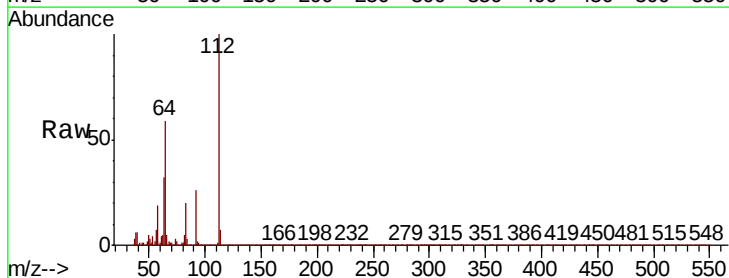
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	123.7	185.5
115	59.1	47.2	70.8

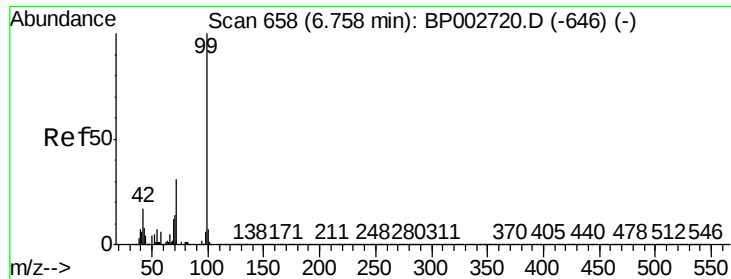


#5

2-Fluorophenol
Concen: 81.922 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002773.D
Acq: 16 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	45.6	68.4
63	31.6	23.5	35.3





#7

Phenol-d6

Concen: 80.367 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002773.D

Acq: 16 Jul 2020 15:40

Instrument :

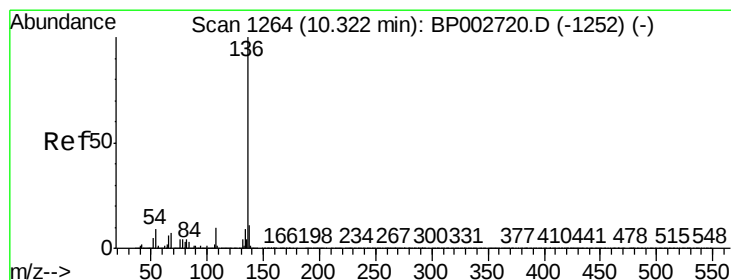
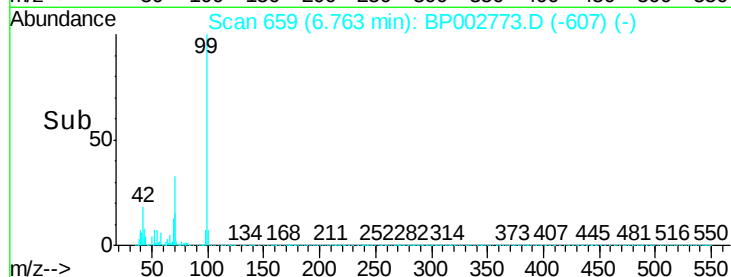
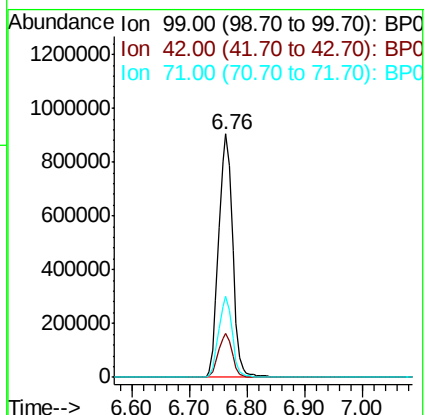
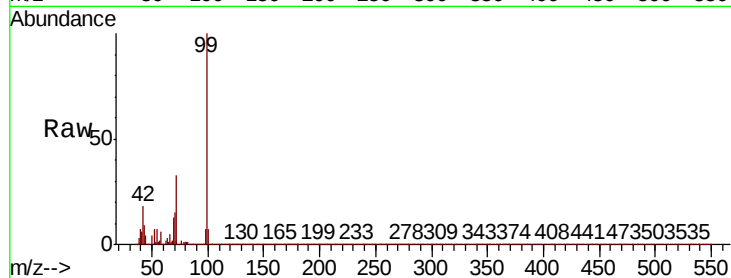
BNA_P

ClientSampleId :

1

Tot Ion: 99 Resp: 1529713

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.4	20.2
71	33.3	24.6	36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

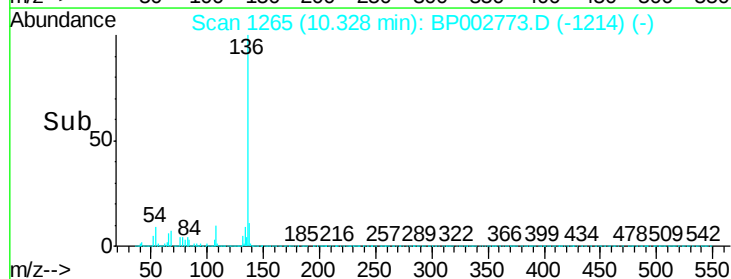
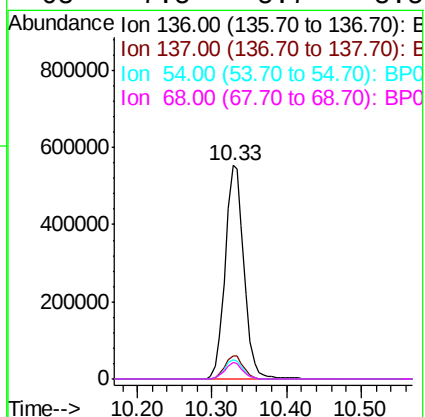
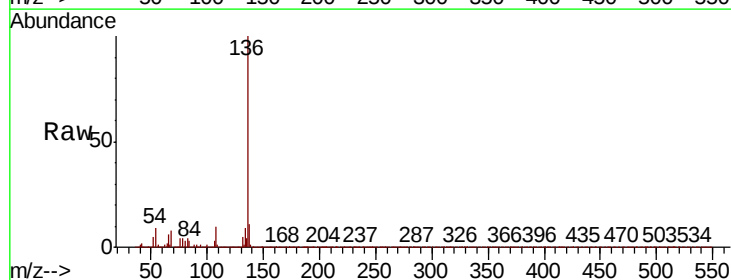
Delta R.T. -0.00 min

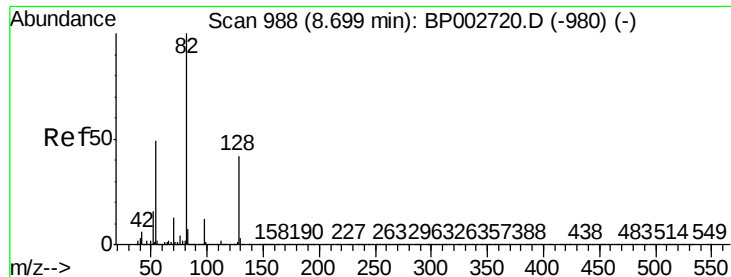
Lab File: BP002773.D

Acq: 16 Jul 2020 15:40

Tgt Ion: 136 Resp: 971845

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.1	6.9	10.3
68	7.5	5.7	8.5

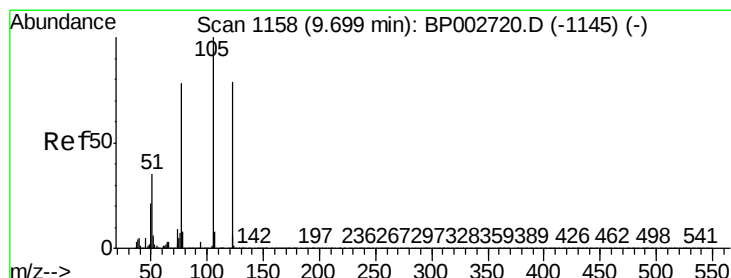
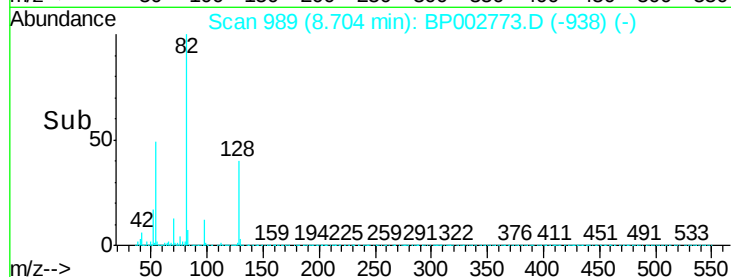
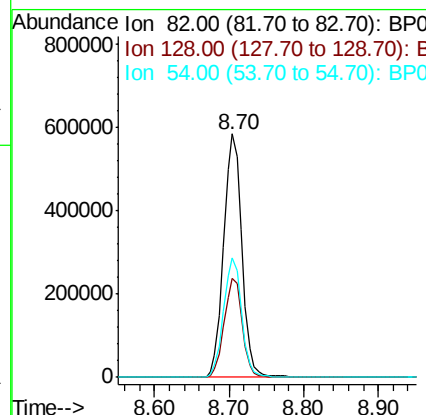
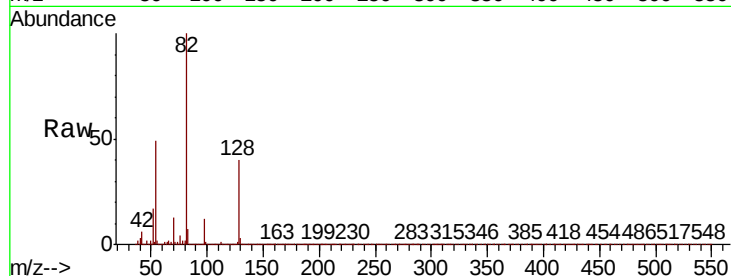




#23
 Nitrobenzene-d5
 Concen: 54.766 ng
 RT: 8.70 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BP002773.D
 Acq: 16 Jul 2020 15:40

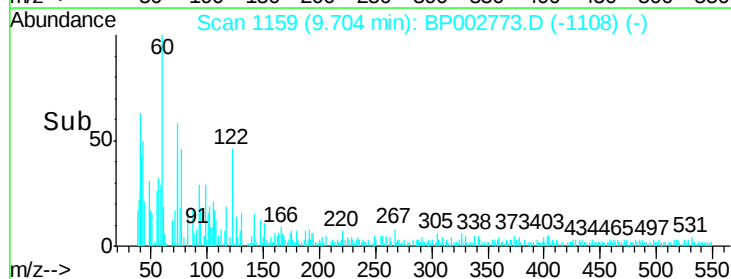
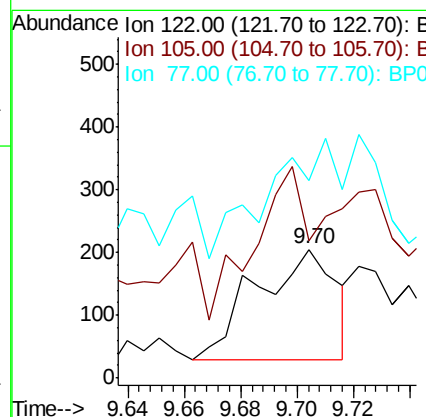
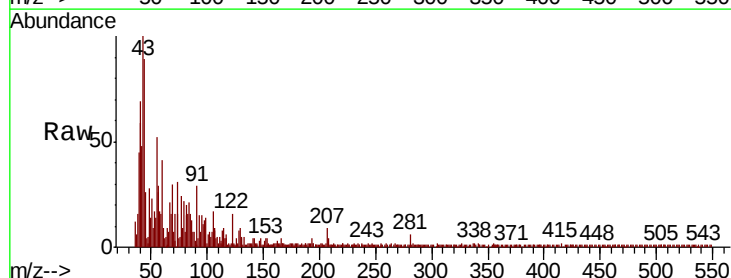
Instrument :
 BNA_P
 ClientSampleId :
 1

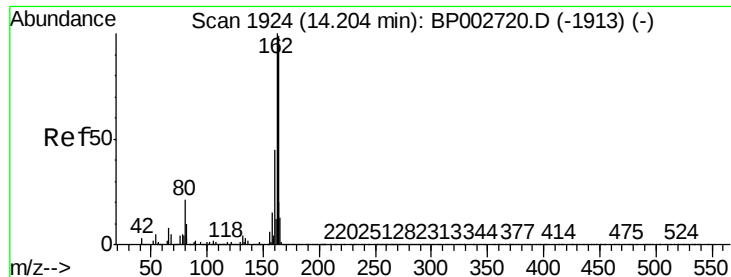
Tot Ion:	82	Resp:	995144
Ion	Ratio	Lower	Upper
82	100		
128	40.4	33.8	50.8
54	49.0	38.8	58.2



#32
 Benzoic acid
 Concen: 7.090 ng
 RT: 9.70 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BP002773.D
 Acq: 16 Jul 2020 15:40

Tgt Ion:	122	Resp:	345
Ion	Ratio	Lower	Upper
122	100		
105	106.8	105.4	145.4
77	153.2	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: BP002773.D

Acq: 16 Jul 2020 15:40

Instrument :

BNA_P

ClientSampleId :

1

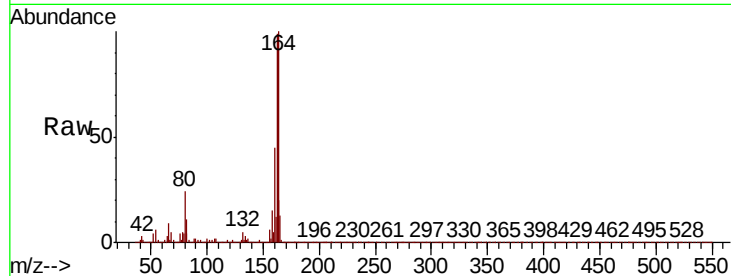
Tot Ion:164 Resp: 584689

Ion Ratio Lower Upper

164 100

162 99.1 80.6 121.0

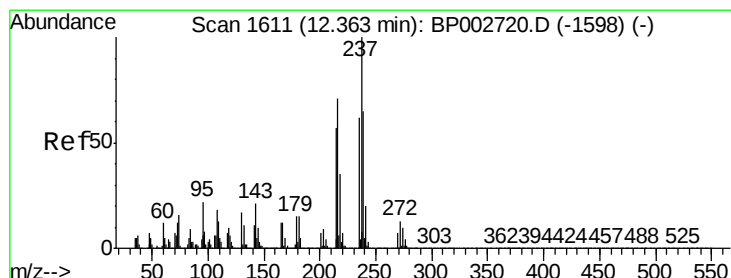
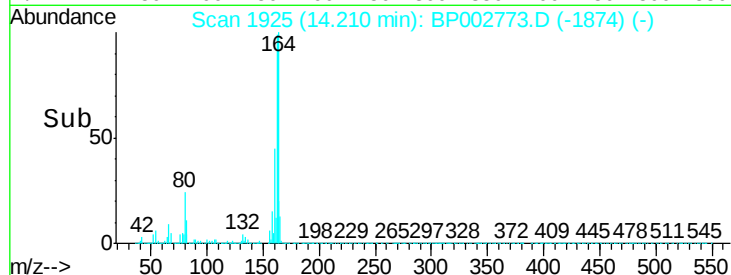
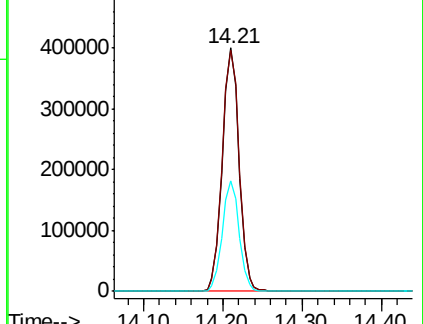
160 45.4 36.4 54.6



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: 7.440 ng

RT: 12.36 min Scan# 1611

Delta R.T. -0.00 min

Lab File: BP002773.D

Acq: 16 Jul 2020 15:40

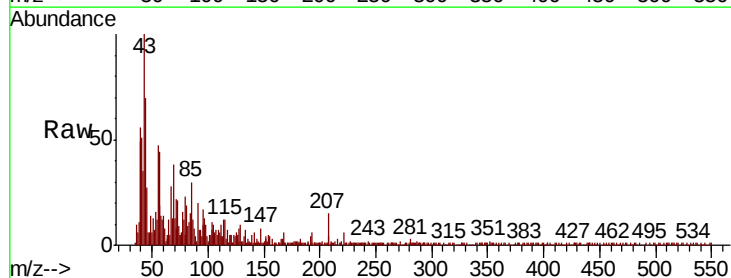
Tgt Ion:237 Resp: 53

Ion Ratio Lower Upper

237 100

235 67.6 42.3 82.3

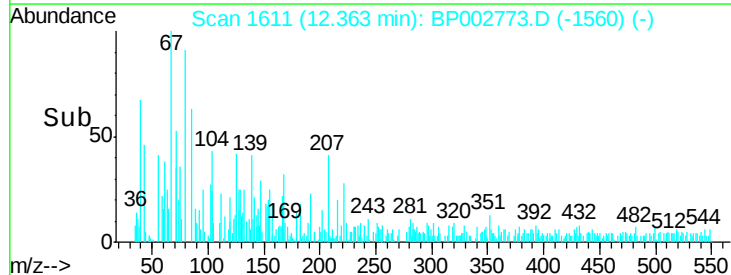
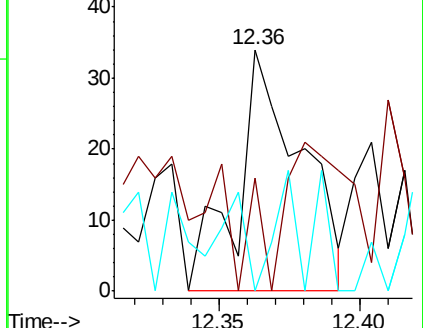
272 0.0 0.0 32.5

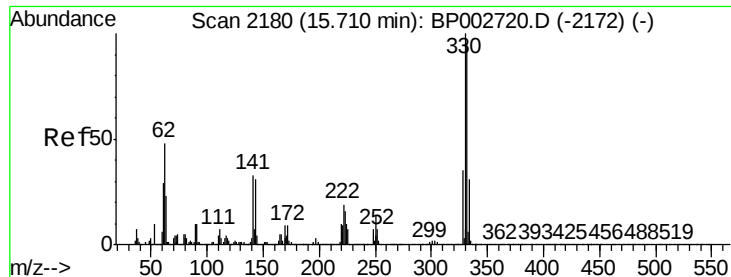


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

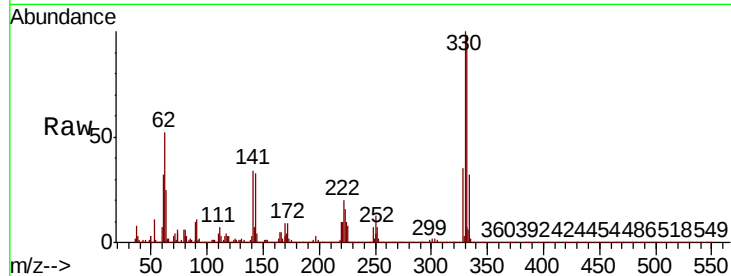




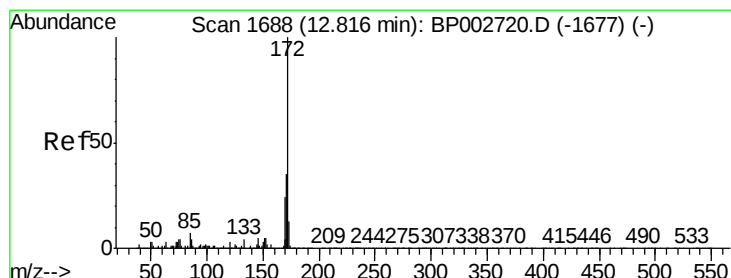
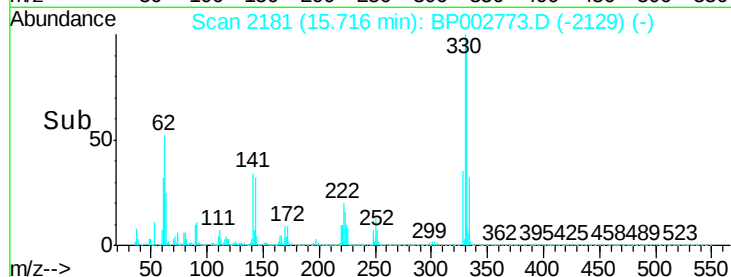
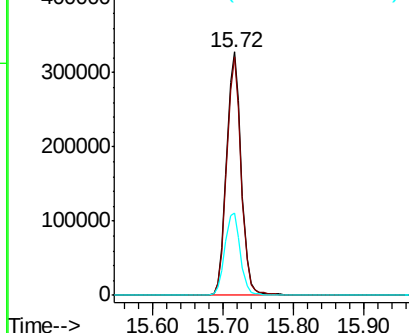
#42
2,4,6-Tribromophenol
Concen: 78.438 ng
RT: 15.72 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BP002773.D
Acq: 16 Jul 2020 15:40

Instrument :
BNA_P
ClientSampleId :
1

Tot Ion:330 Resp: 478722
Ion Ratio Lower Upper
330 100
332 96.4 76.5 114.7
141 35.3 28.8 43.2

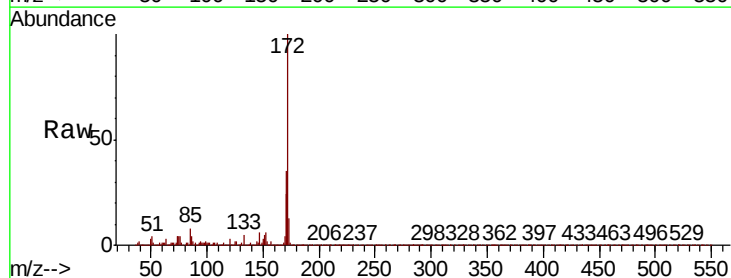


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

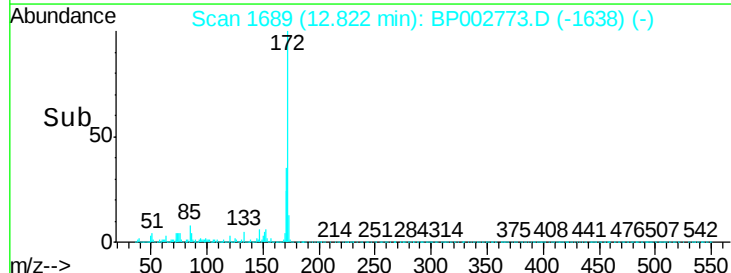
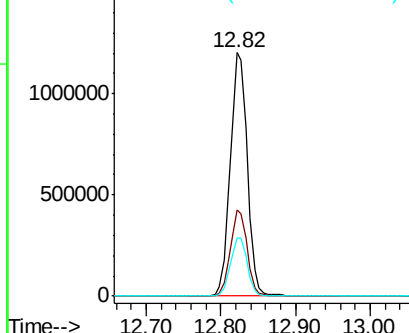


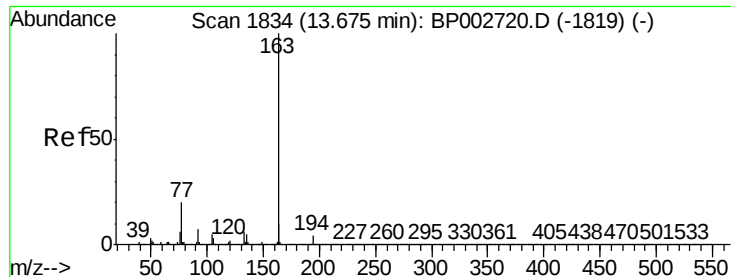
#45
2-Fluorobiphenyl
Concen: 51.001 ng
RT: 12.82 min Scan# 1689
Delta R.T. -0.00 min
Lab File: BP002773.D
Acq: 16 Jul 2020 15:40

Tgt Ion:172 Resp: 1927613
Ion Ratio Lower Upper
172 100
171 35.5 28.1 42.1
170 23.9 19.3 28.9



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





#50

Dimethylphthalate

Concen: 9.269 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002773.D

Acq: 16 Jul 2020 15:40

Instrument :

BNA_P

ClientSampleId :

1

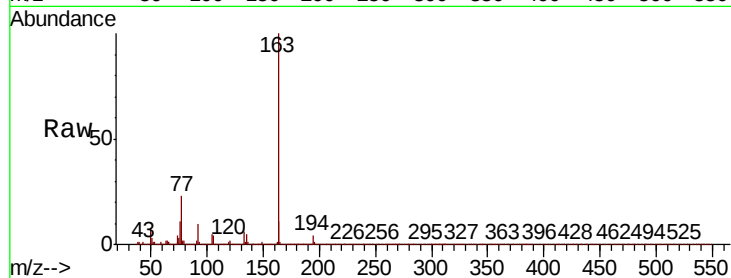
Tot Ion:163 Resp: 413329

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

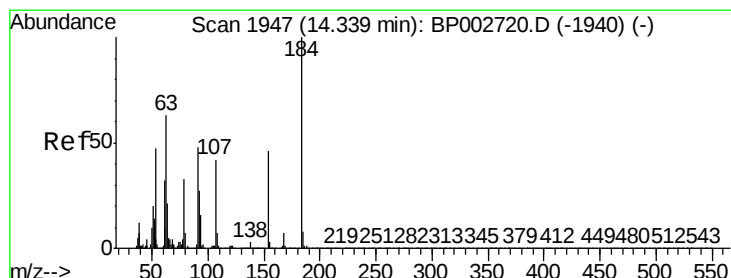
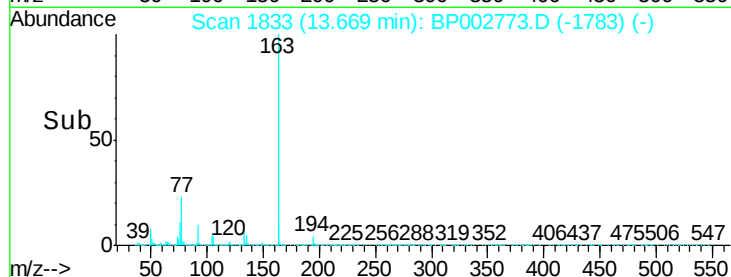
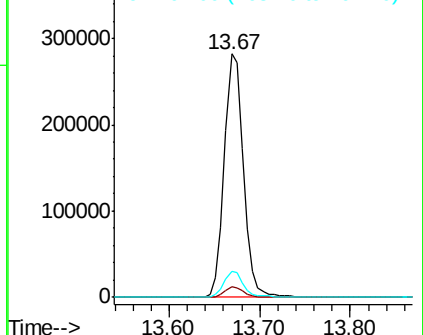
164 10.7 7.8 11.8



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: 11.379 ng

RT: 14.36 min Scan# 1950

Delta R.T. 0.02 min

Lab File: BP002773.D

Acq: 16 Jul 2020 15:40

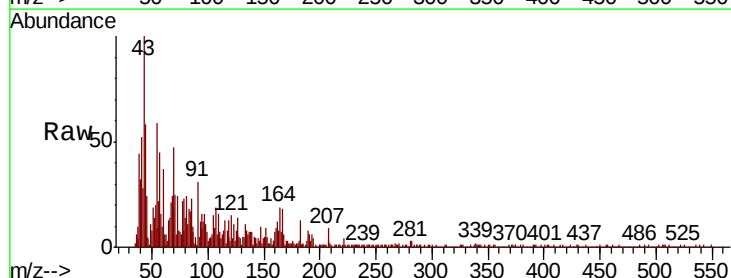
Tgt Ion:184 Resp: 30

Ion Ratio Lower Upper

184 100

63 279.5 51.6 77.4#

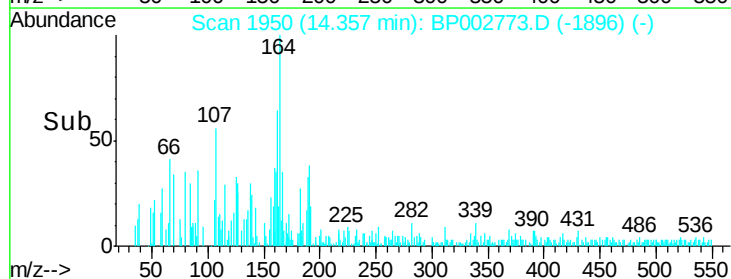
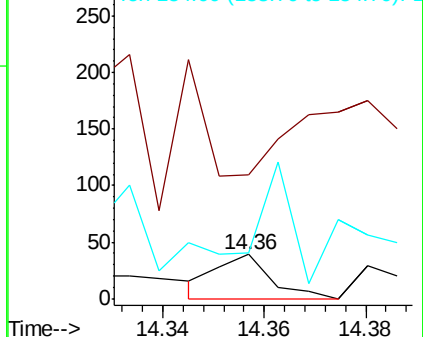
154 105.1 45.0 67.6#

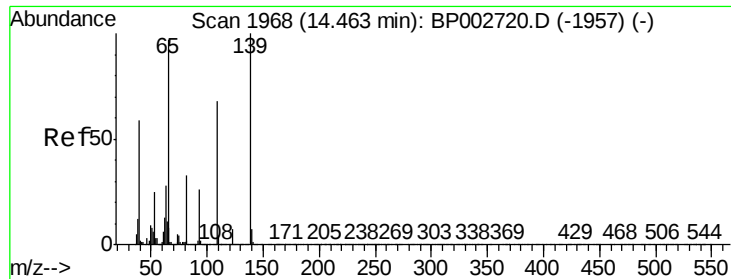


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

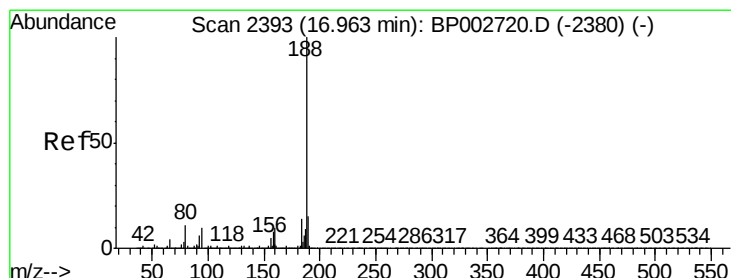
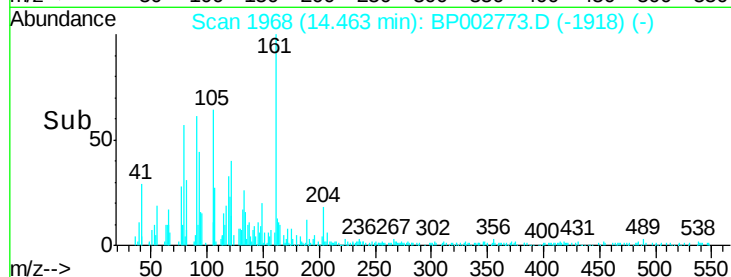
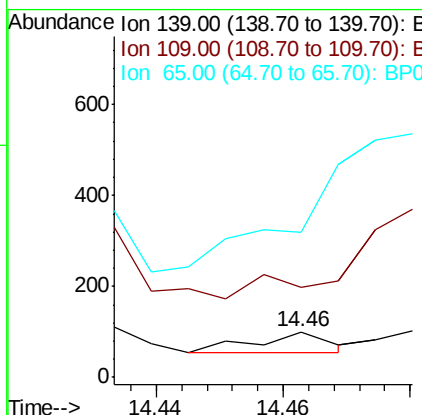
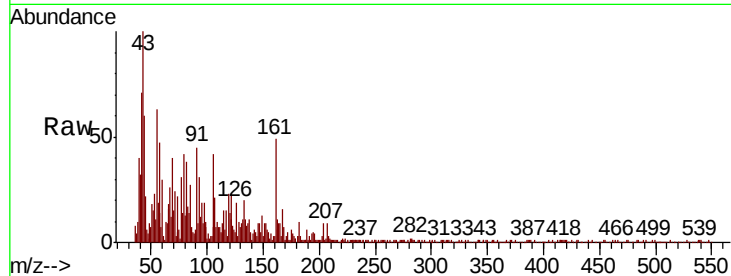




#56
4-Nitrophenol
Concen: 4.976 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002773.D
Acq: 16 Jul 2020 15:40

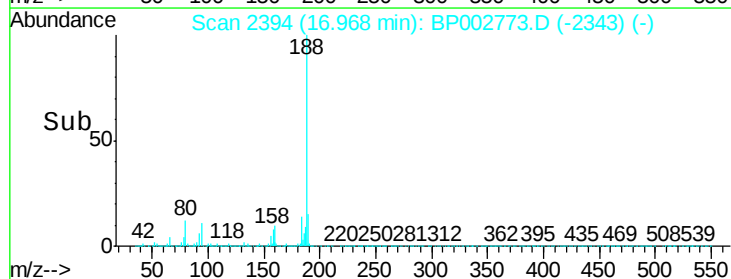
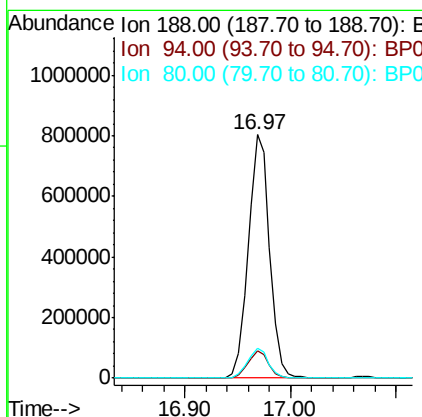
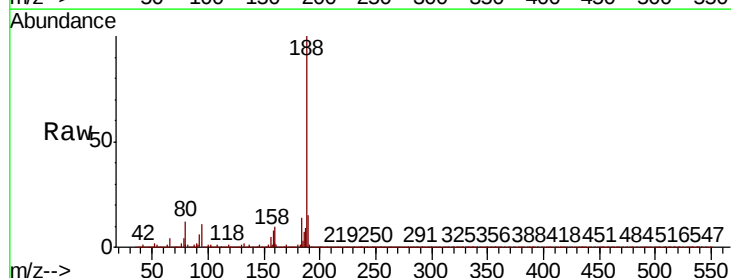
Instrument :
BNA_P
ClientSampled :
1

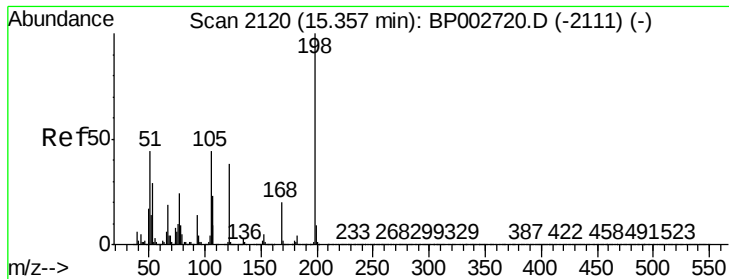
Tot Ion:139 Resp: 37
Ion Ratio Lower Upper
139 100
109 198.0 48.1 88.1#
65 319.0 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BP002773.D
Acq: 16 Jul 2020 15:40

Tgt Ion:188 Resp: 1125758
Ion Ratio Lower Upper
188 100
94 11.0 8.1 12.1
80 12.0 8.9 13.3

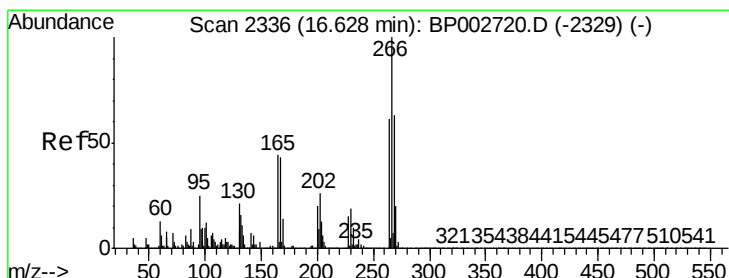
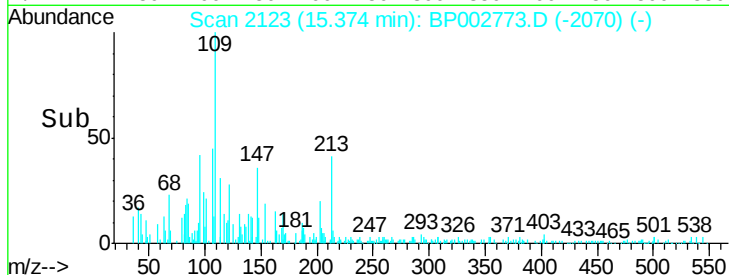
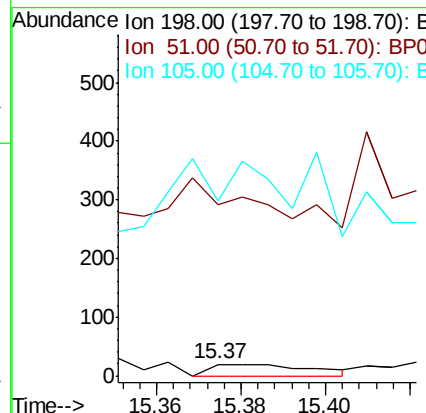
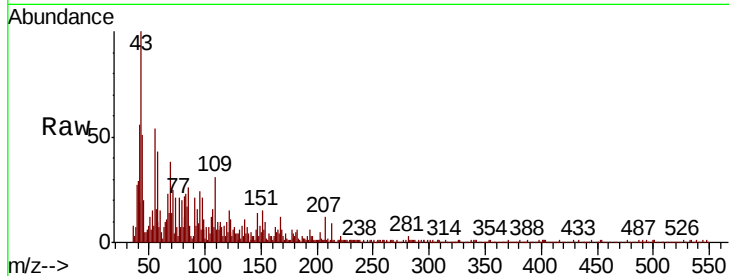




#65
4,6-Dinitro-2-methylphenol
Concen: 5.271 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.01 min
Lab File: BP002773.D
Acq: 16 Jul 2020 15:40

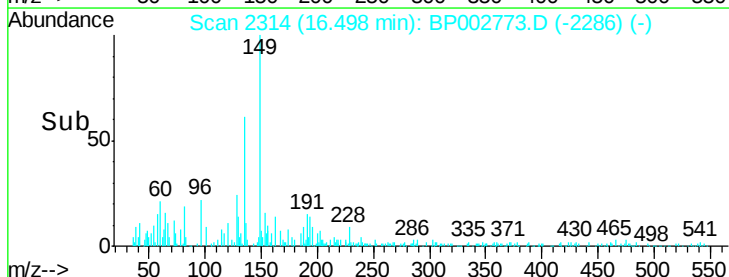
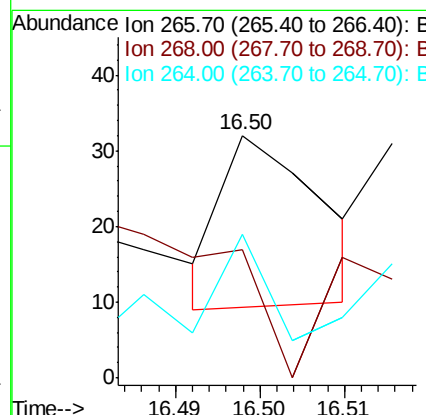
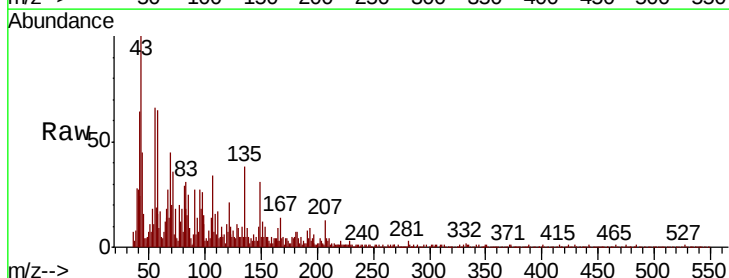
Instrument :
BNA_P
ClientSampleId :
1

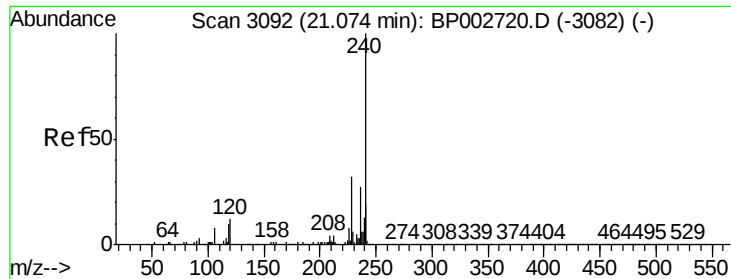
Tot Ion:198 Resp: 31
Ion Ratio Lower Upper
198 100
51 1536.8 27.1 67.1#
105 1573.7 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.444 ng
RT: 16.50 min Scan# 2314
Delta R.T. -0.14 min
Lab File: BP002773.D
Acq: 16 Jul 2020 15:40

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
268 53.1 50.6 75.8
264 59.4 48.6 72.8

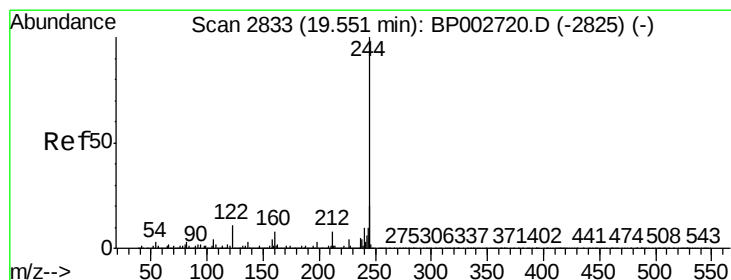
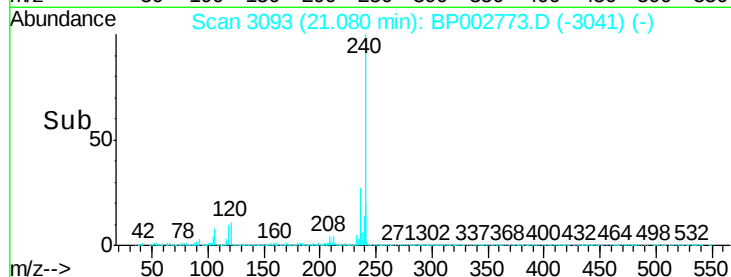
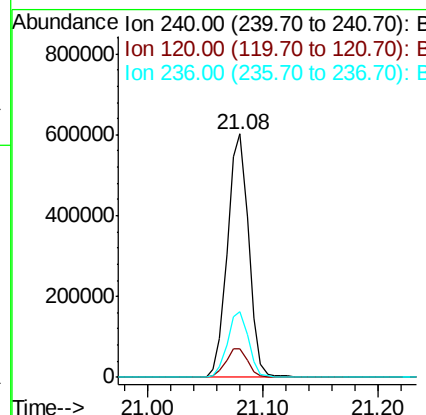
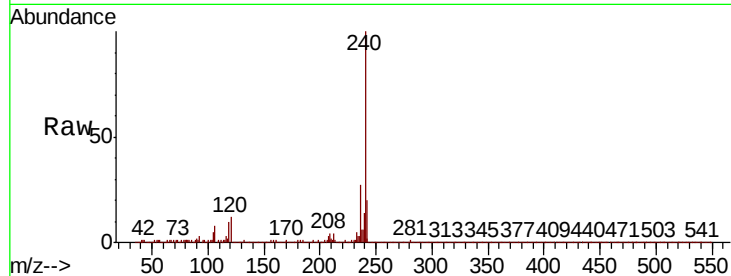




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.08 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BP002773.D
 Acq: 16 Jul 2020 15:40

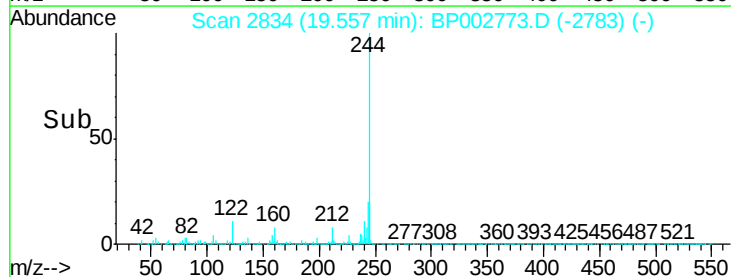
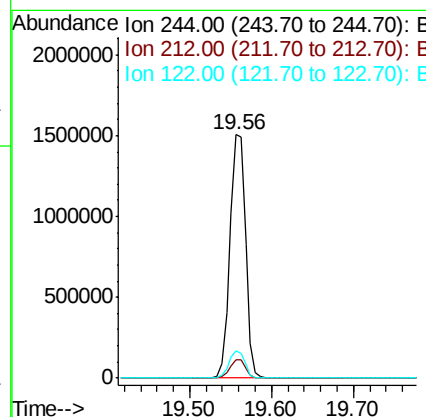
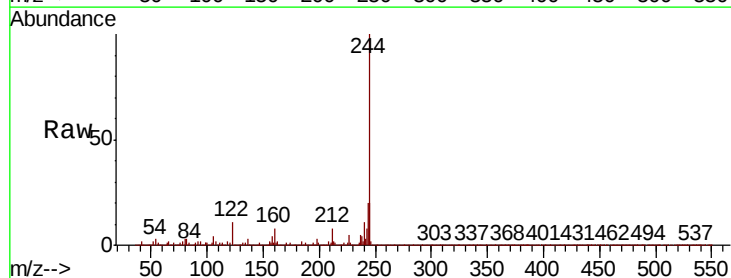
Instrument :
 BNA_P
 ClientSampleId :
 1

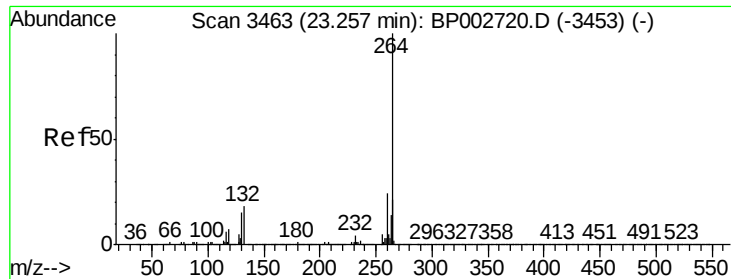
Tot Ion:240 Resp: 766555
 Ion Ratio Lower Upper
 240 100
 120 11.6 9.4 14.2
 236 26.9 21.3 31.9



#79
 Terphenyl-d14
 Concen: 59.658 ng
 RT: 19.56 min Scan# 2834
 Delta R.T. -0.00 min
 Lab File: BP002773.D
 Acq: 16 Jul 2020 15:40

Tgt Ion:244 Resp: 1994622
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 11.3 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: BP002773.D
Acq: 16 Jul 2020 15:40

Instrument :
BNA_P
ClientSampleId :
1

Tot Ion	Ratio	Lower	Upper
264	100		
260	26.2	19.3	28.9
265	22.2	16.8	25.2

