

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071520\
 Data File : BP002753.D
 Acq On : 15 Jul 2020 14:32
 Operator : CG/JU
 Sample : L3300-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-8A-S

Quant Time: Jul 15 15:15:39 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

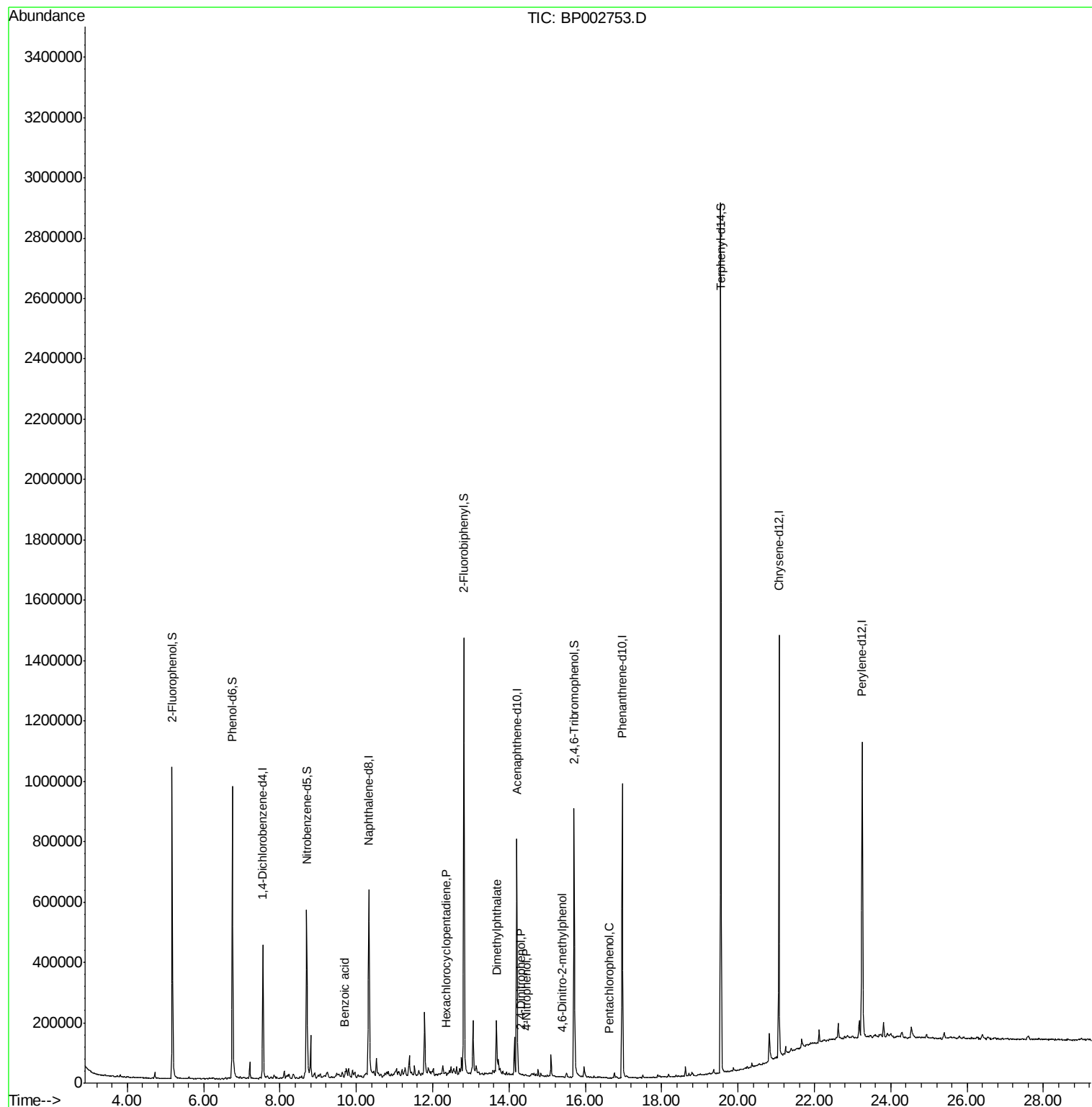
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	115845	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	456794	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	273164	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	596211	20.00	ng	0.00
76) Chrysene-d12	21.07	240	658361	20.00	ng	0.00
86) Perylene-d12	23.25	264	675752	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	464432	67.64	ng	0.00
7) Phenol-d6	6.75	99	621037	63.38	ng	0.00
23) Nitrobenzene-d5	8.70	82	371714	43.52	ng	0.00
42) 2,4,6-Tribromophenol	15.70	330	163792	57.44	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	769493	43.58	ng	0.00
79) Terphenyl-d14	19.55	244	1229718	42.82	ng	-0.01
Target Compounds						
32) Benzoic acid	9.70	122	12	7.064	ng	# 1
41) Hexachlorocyclopentadiene	12.35	237	19	7.439	ng	# 68
50) Dimethylphthalate	13.67	163	134057	6.435	ng	99
54) 2,4-Dinitrophenol	14.32	184	9	11.377	ng	# 1
56) 4-Nitrophenol	14.46	139	95	4.994	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.39	198	36	5.275	ng	# 1
70) Pentachlorophenol	16.62	266	15	7.445	ng	# 50

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.55 min Scan# 793

Delta R.T. 0.00 min

Lab File: BP002753.D

Acq: 15 Jul 2020 14:32

Instrument :

BNA_P

ClientSampleId :

TP-8A-S

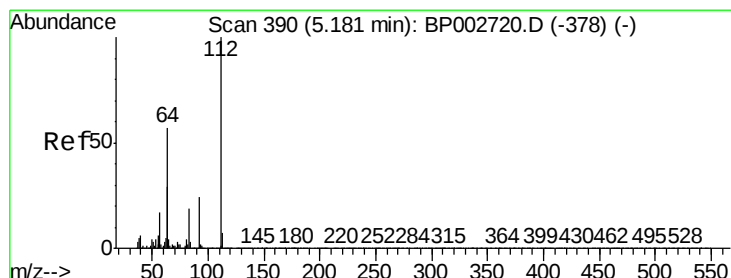
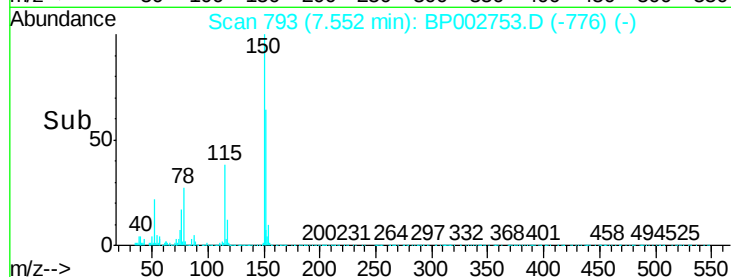
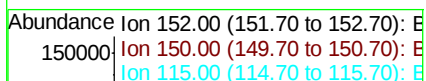
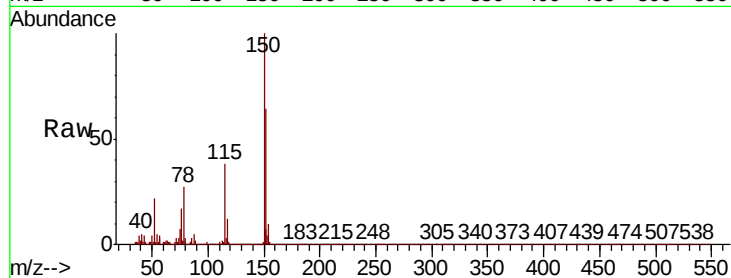
Tot Ion:152 Resp: 115845

Ion Ratio Lower Upper

152 100

150 155.3 123.7 185.5

115 59.7 47.2 70.8



#5

2-Fluorophenol

Concen: 67.641 ng

RT: 5.18 min Scan# 389

Delta R.T. -0.01 min

Lab File: BP002753.D

Acq: 15 Jul 2020 14:32

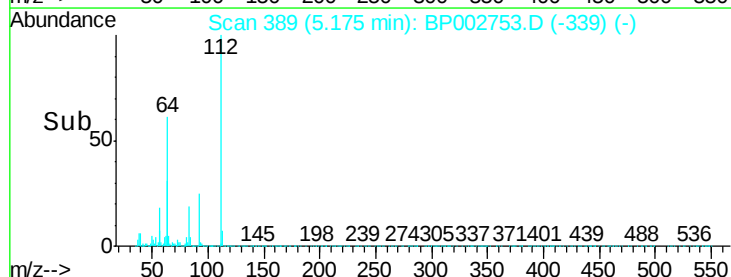
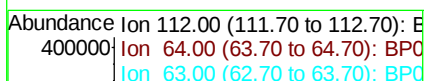
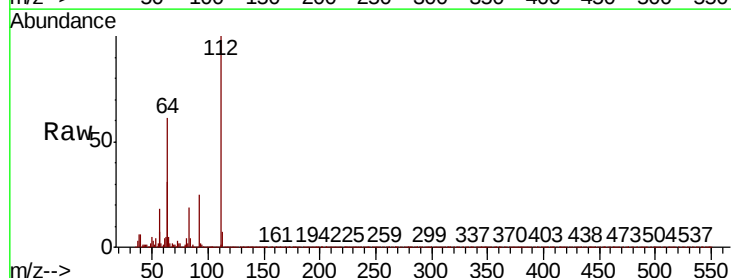
Tgt Ion:112 Resp: 464432

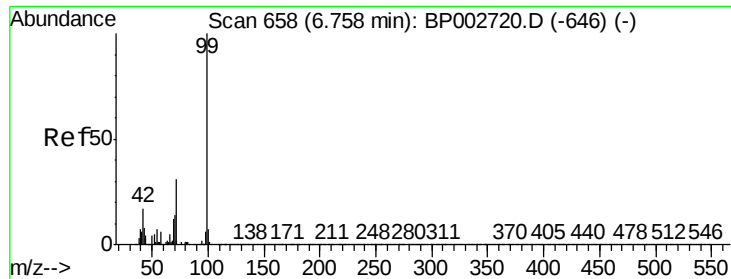
Ion Ratio Lower Upper

112 100

64 60.5 45.6 68.4

63 31.3 23.5 35.3





#7

Phenol-d6

Concen: 63.377 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002753.D

Acq: 15 Jul 2020 14:32

Instrument :

BNA_P

ClientSampleId :

TP-8A-S

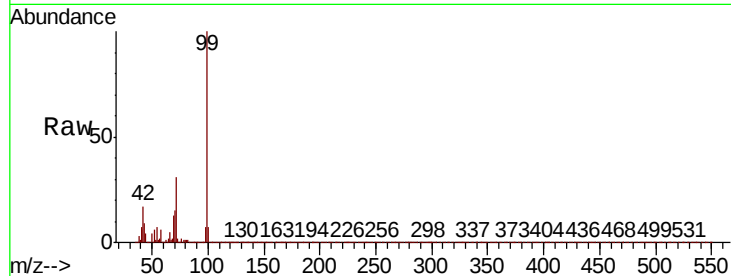
Tot Ion: 99 Resp: 621037

Ion Ratio Lower Upper

99 100

42 17.3 13.4 20.2

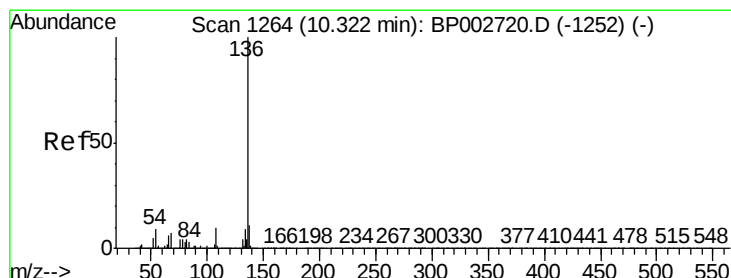
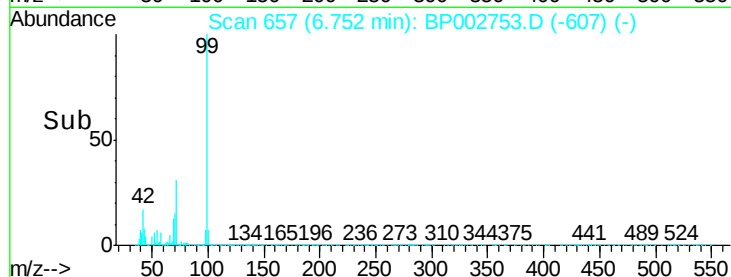
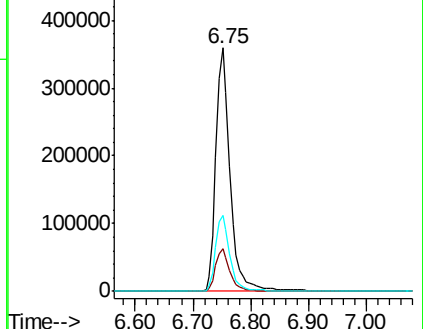
71 31.3 24.6 36.8



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: 10.32 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BP002753.D

Acq: 15 Jul 2020 14:32

Tgt Ion: 136 Resp: 456794

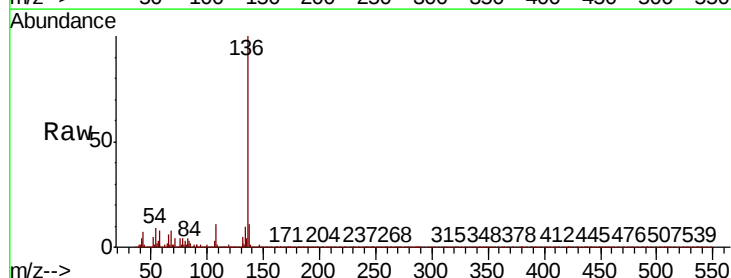
Ion Ratio Lower Upper

136 100

137 11.4 8.6 13.0

54 9.3 6.9 10.3

68 7.7 5.7 8.5

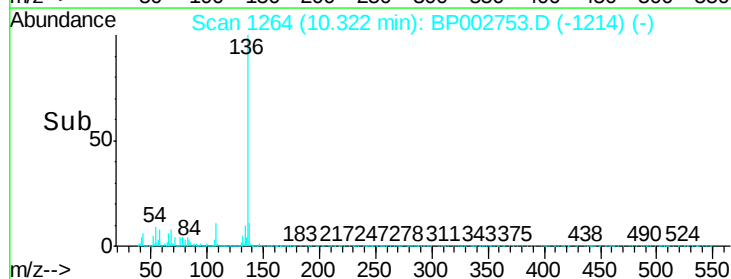
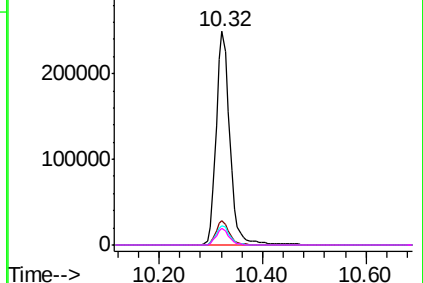


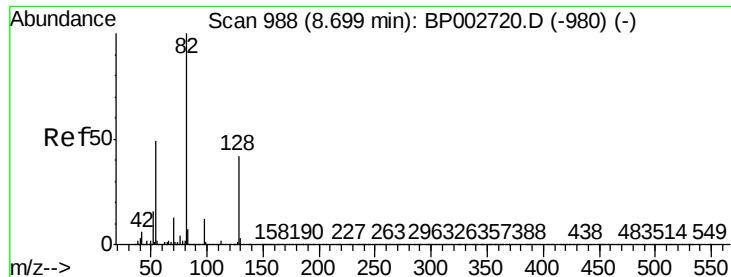
Abundance Ion 136.00 (135.70 to 136.70): E

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

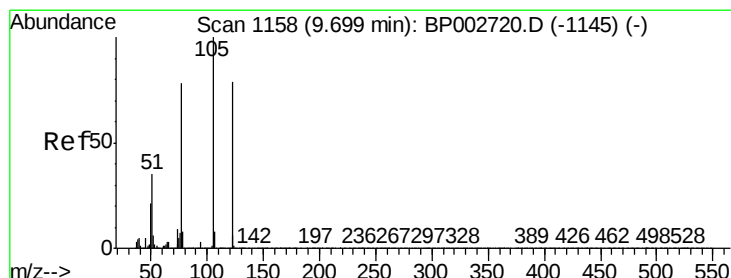
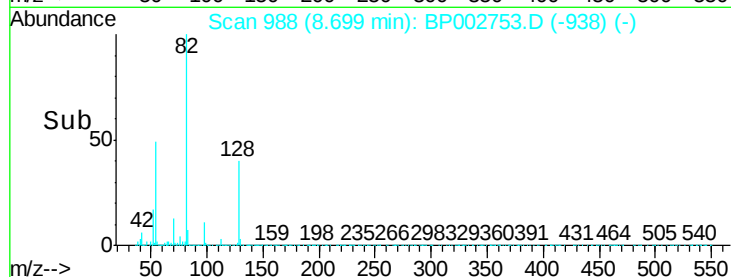
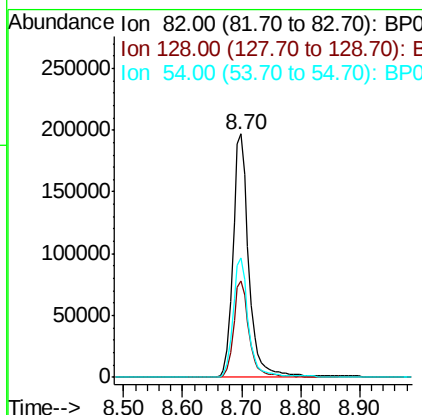
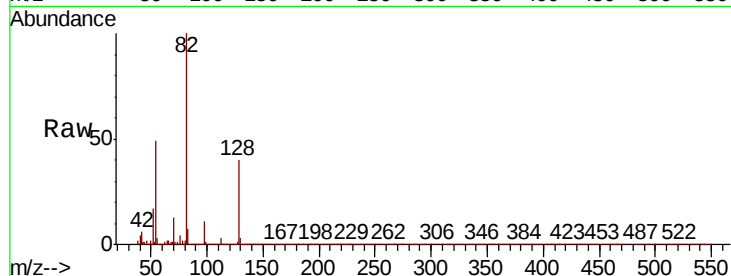




#23
Nitrobenzene-d5
Concen: 43.522 ng
RT: 8.70 min Scan# 988
Delta R.T. -0.01 min
Lab File: BP002753.D
Acq: 15 Jul 2020 14:32

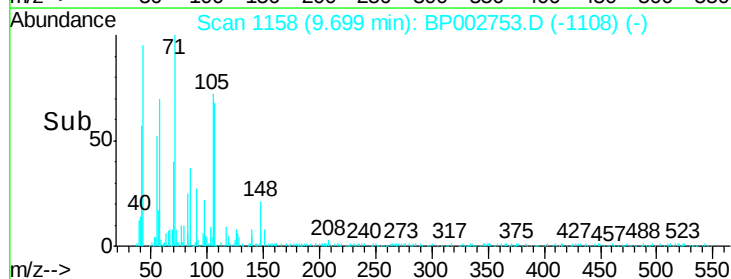
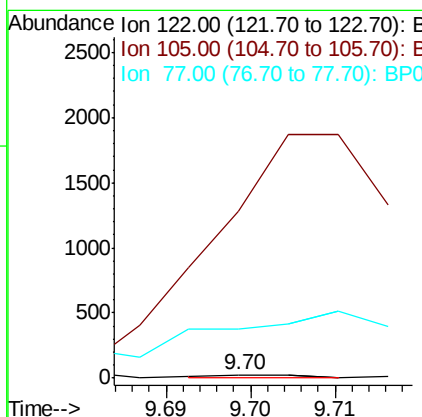
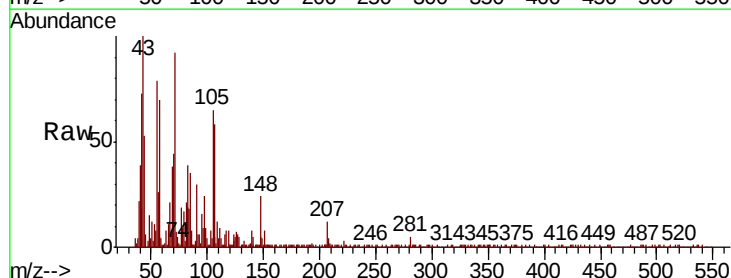
Instrument :
BNA_P
ClientSampled :
TP-8A-S

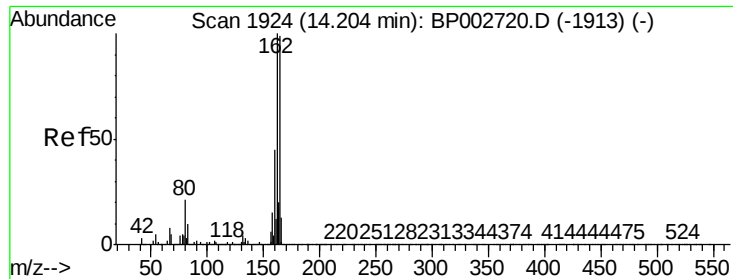
Tot Ion	82	Resp	371714
Ion Ratio	Lower	Upper	
82	100		
128	39.8	33.8	50.8
54	48.8	38.8	58.2



#32
Benzoic acid
Concen: 7.064 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.01 min
Lab File: BP002753.D
Acq: 15 Jul 2020 14:32

Tgt Ion	122	Resp	12
Ion Ratio	Lower	Upper	
122	100		
105	5341.7	105.4	145.4#
77	1570.8	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002753.D

Acq: 15 Jul 2020 14:32

Instrument :

BNA_P

ClientSampleId :

TP-8A-S

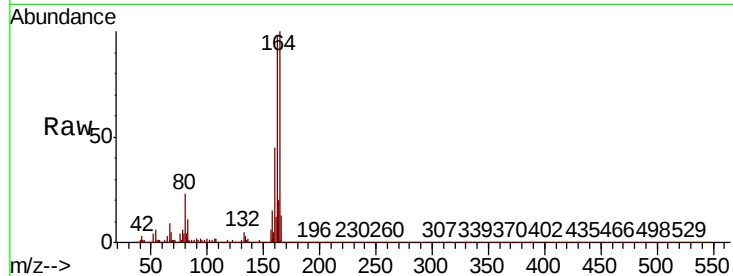
Tot Ion:164 Resp: 273164

Ion Ratio Lower Upper

164 100

162 98.1 80.6 121.0

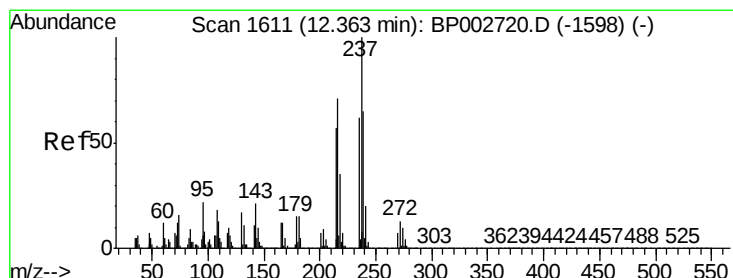
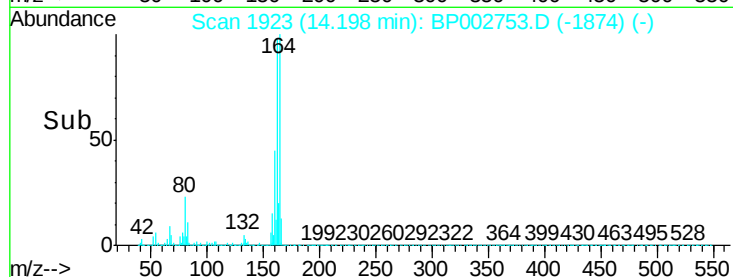
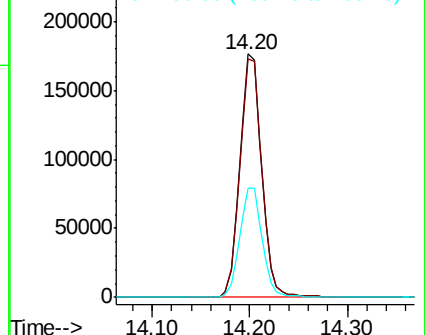
160 44.7 36.4 54.6



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: 7.439 ng

RT: 12.35 min Scan# 1608

Delta R.T. -0.02 min

Lab File: BP002753.D

Acq: 15 Jul 2020 14:32

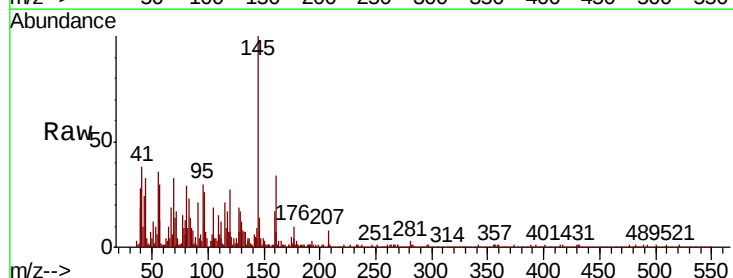
Tgt Ion:237 Resp: 19

Ion Ratio Lower Upper

237 100

235 40.0 42.3 82.3#

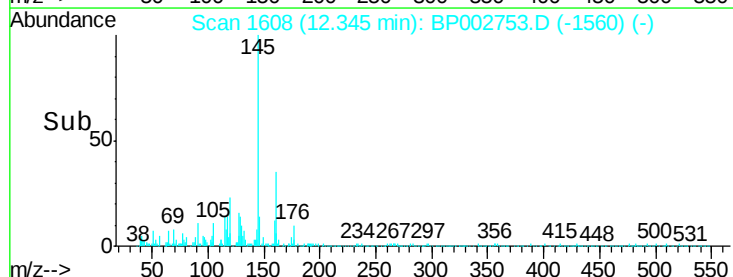
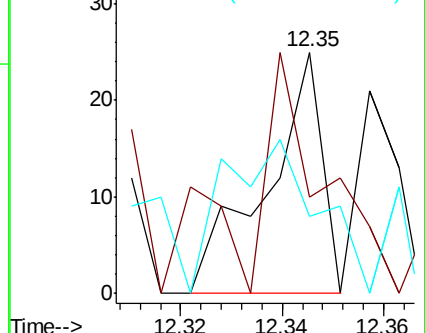
272 32.0 0.0 32.5

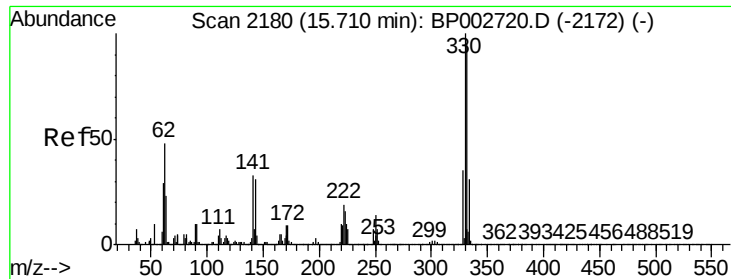


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

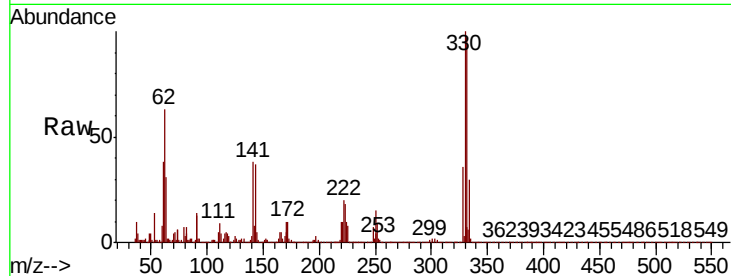




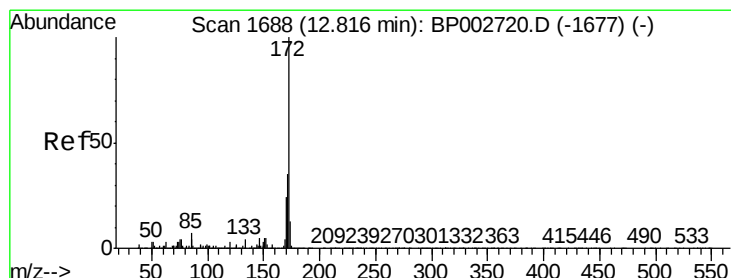
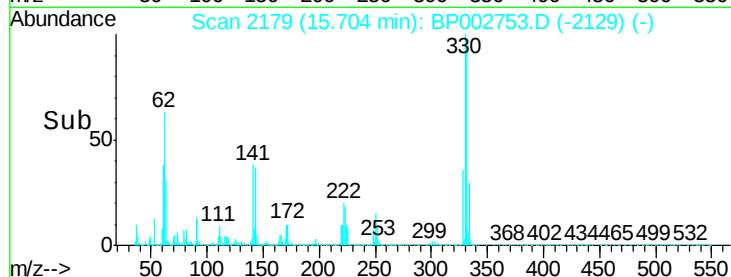
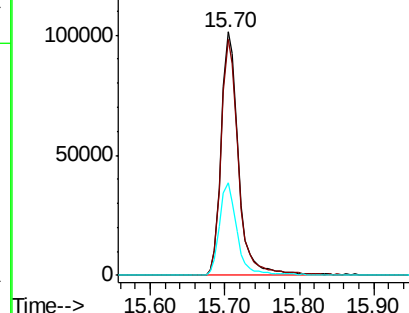
#42
 2,4,6-Tribromophenol
 Concen: 57.443 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002753.D
 Acq: 15 Jul 2020 14:32

Instrument :
 BNA_P
 ClientSampleId :
 TP-8A-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.5	114.7
141	38.4	28.8	43.2

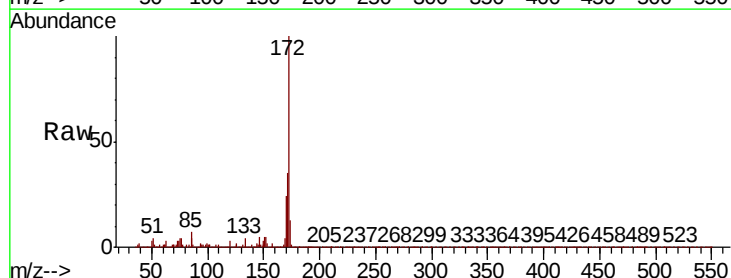


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

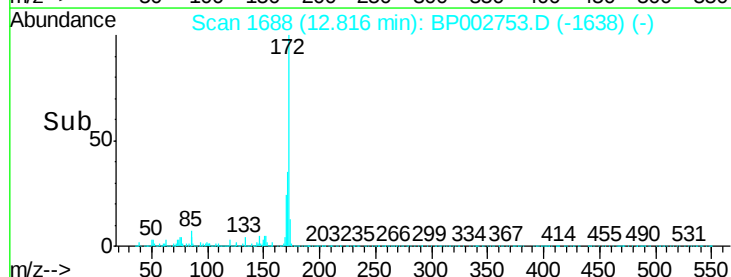
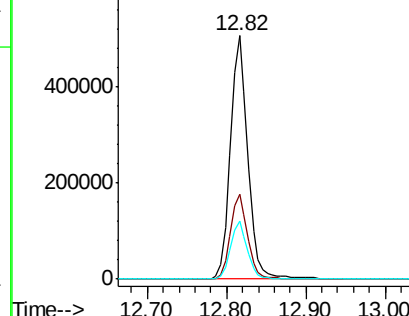


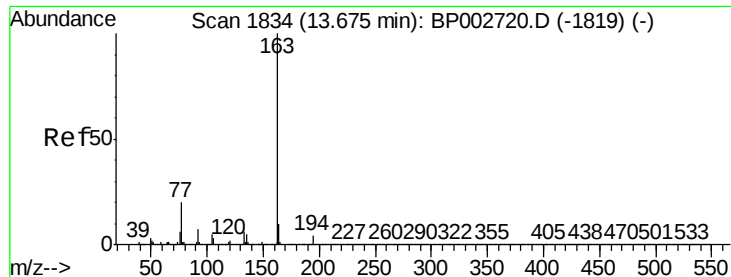
#45
 2-Fluorobiphenyl
 Concen: 43.578 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002753.D
 Acq: 15 Jul 2020 14:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.6	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: 6.435 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002753.D

Acq: 15 Jul 2020 14:32

Instrument :

BNA_P

ClientSampleId :

TP-8A-S

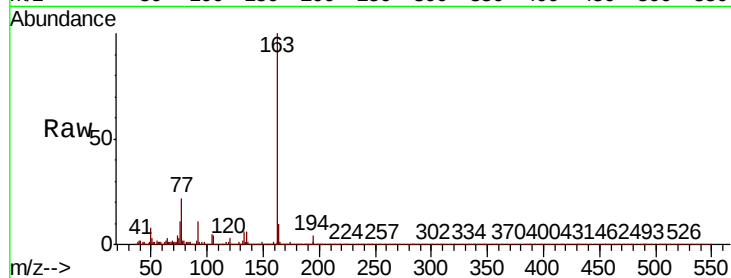
Tot Ion:163 Resp: 134057

Ion Ratio Lower Upper

163 100

194 3.7 3.4 5.2

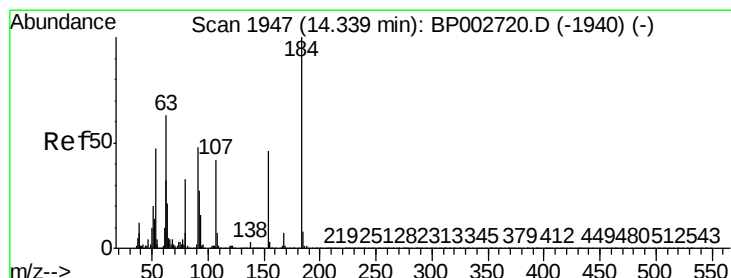
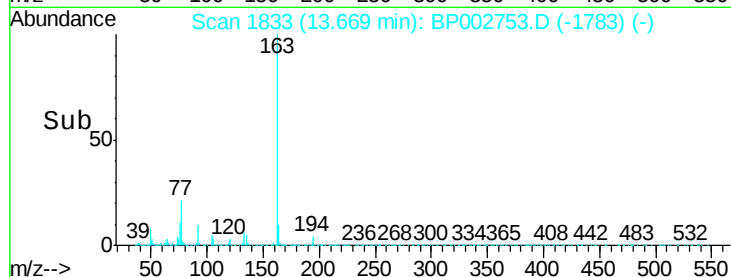
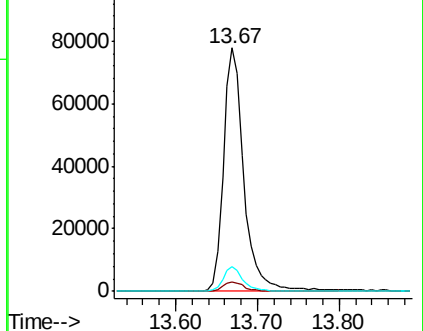
164 10.3 7.8 11.8



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: 11.377 ng

RT: 14.32 min Scan# 1944

Delta R.T. -0.02 min

Lab File: BP002753.D

Acq: 15 Jul 2020 14:32

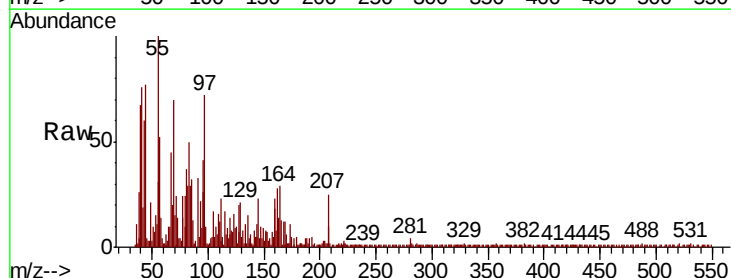
Tgt Ion:184 Resp: 9

Ion Ratio Lower Upper

184 100

63 352.4 51.6 77.4#

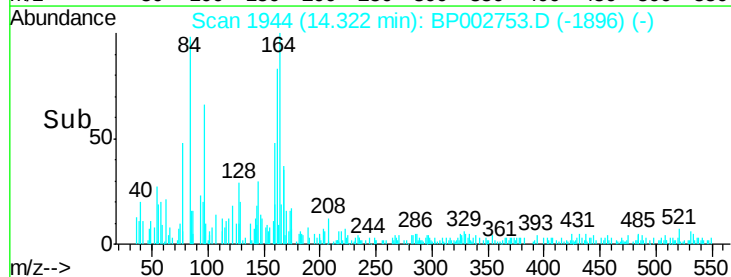
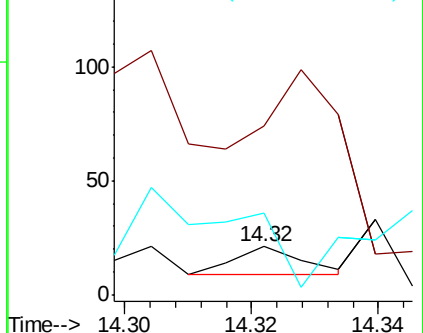
154 171.4 45.0 67.6#

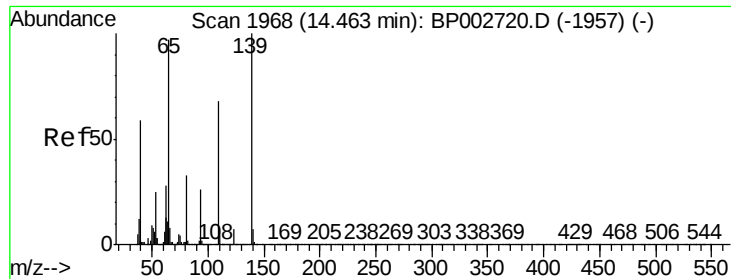


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E

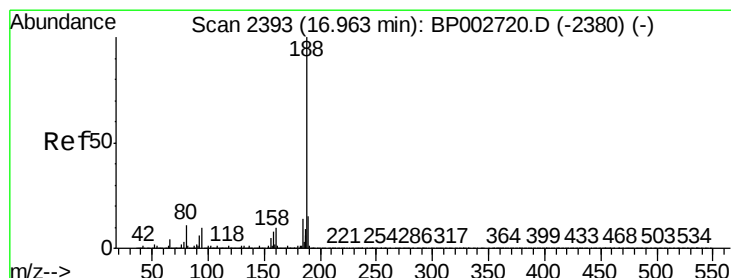
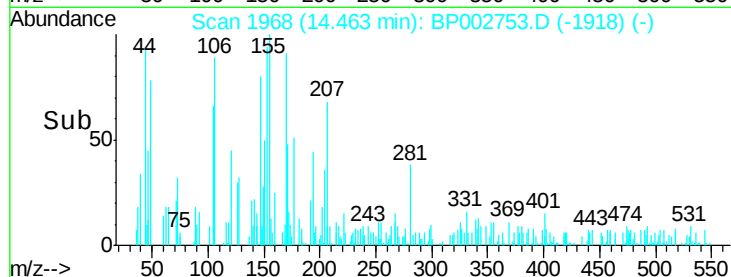
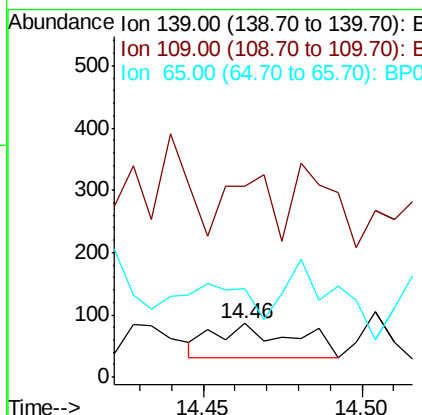
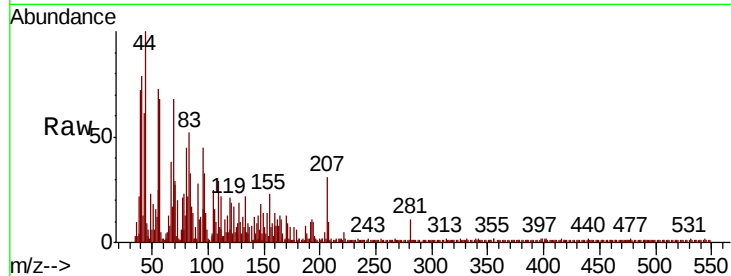




#56
4-Nitrophenol
Concen: 4.994 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002753.D
Acq: 15 Jul 2020 14:32

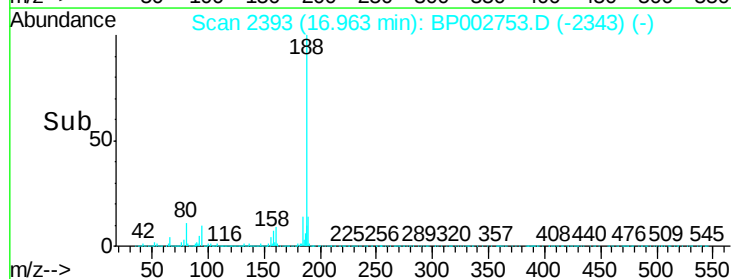
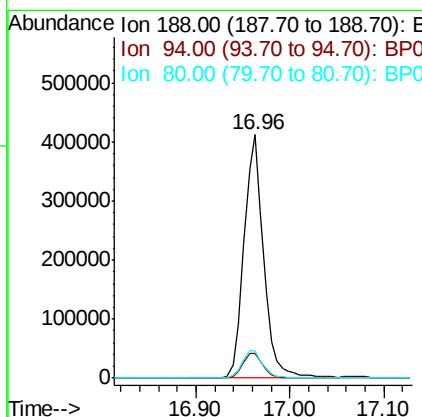
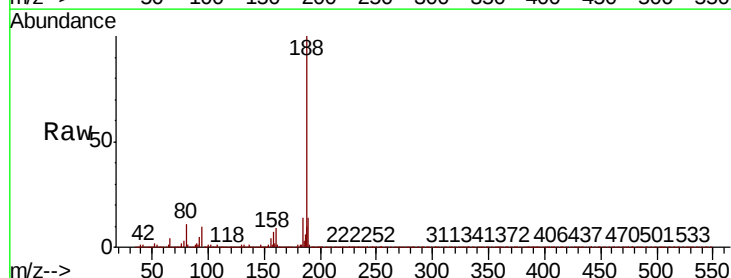
Instrument :
BNA_P
ClientSampleId :
TP-8A-S

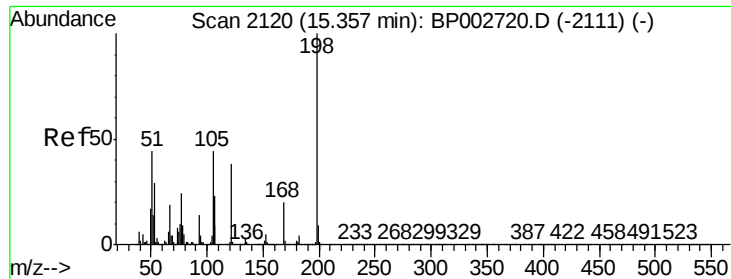
Tot Ion:139 Resp: 95
Ion Ratio Lower Upper
139 100
109 355.8 48.1 88.1#
65 165.1 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002753.D
Acq: 15 Jul 2020 14:32

Tgt Ion:188 Resp: 596211
Ion Ratio Lower Upper
188 100
94 10.1 8.1 12.1
80 11.0 8.9 13.3

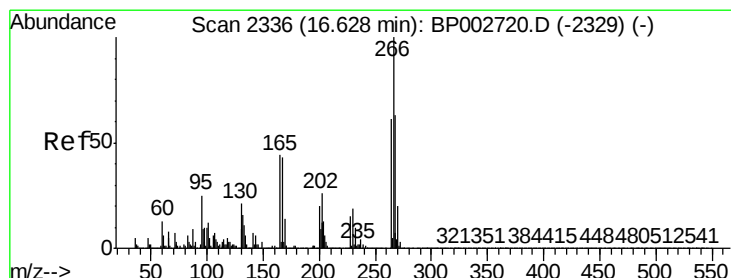
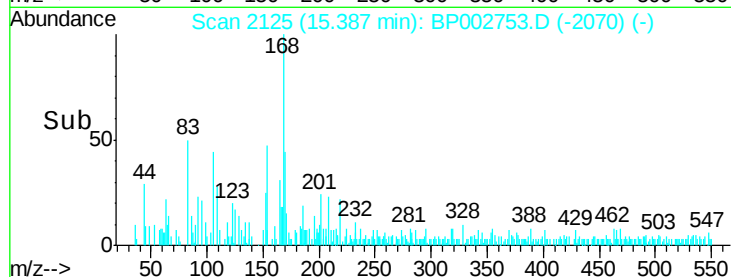
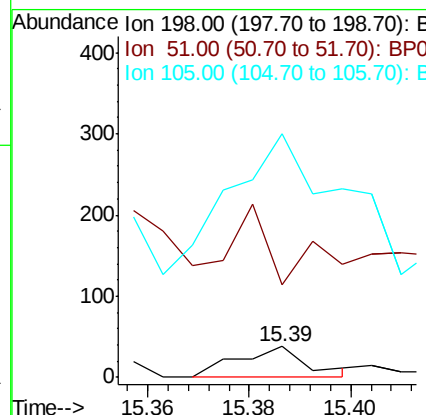
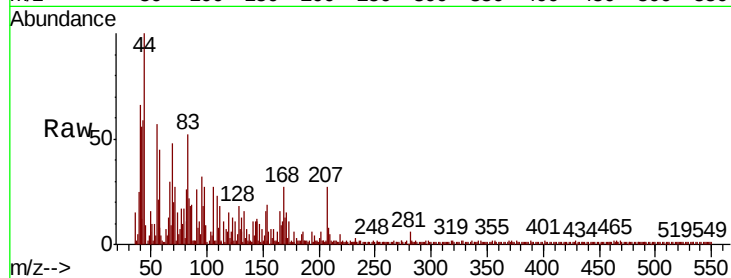




#65
4,6-Dinitro-2-methylphenol
Concen: 5.275 ng
RT: 15.39 min Scan# 2125
Delta R.T. 0.02 min
Lab File: BP002753.D
Acq: 15 Jul 2020 14:32

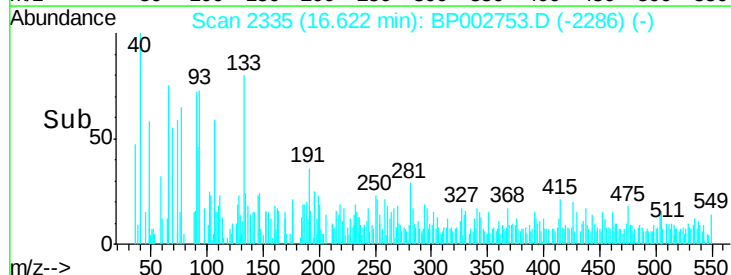
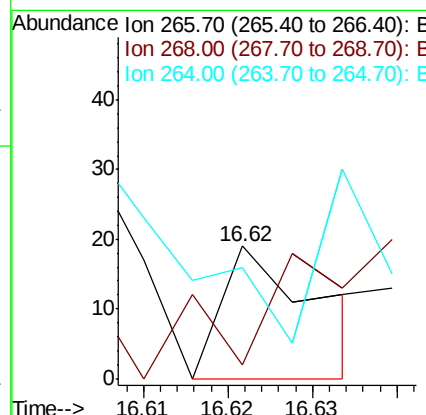
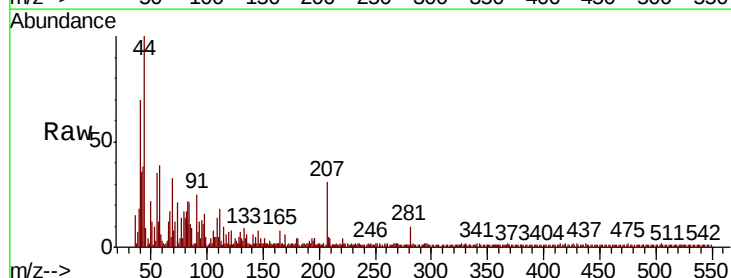
Instrument :
BNA_P
ClientSampleId :
TP-8A-S

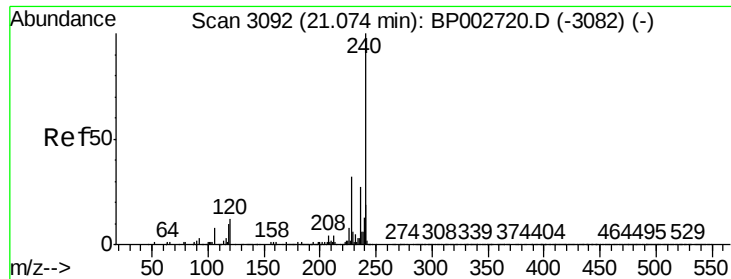
Tot Ion:198 Resp: 36
Ion Ratio Lower Upper
198 100
51 300.0 27.1 67.1#
105 789.5 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.445 ng
RT: 16.62 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BP002753.D
Acq: 15 Jul 2020 14:32

Tgt Ion:266 Resp: 15
Ion Ratio Lower Upper
266 100
268 10.5 50.6 75.8#
264 84.2 48.6 72.8#

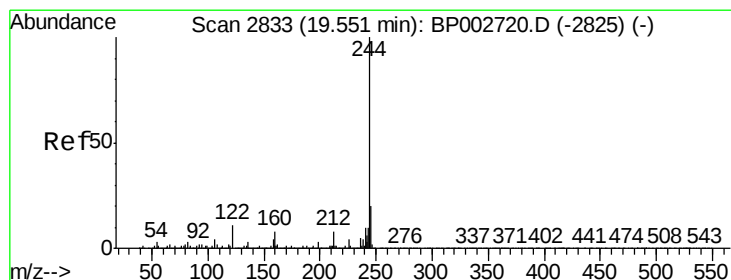
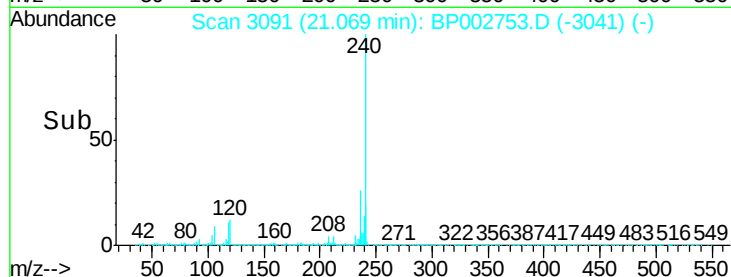
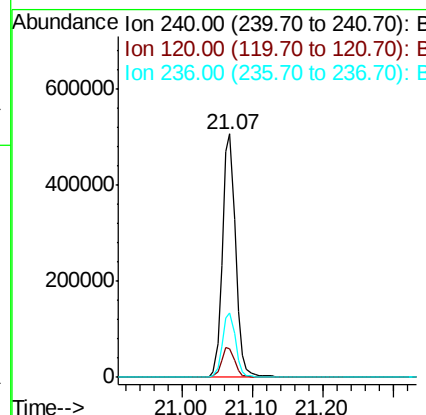
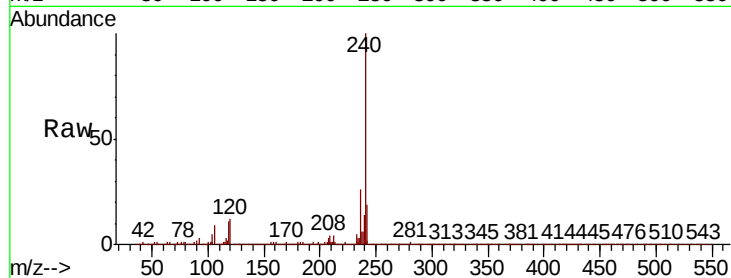




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BP002753.D
Acq: 15 Jul 2020 14:32

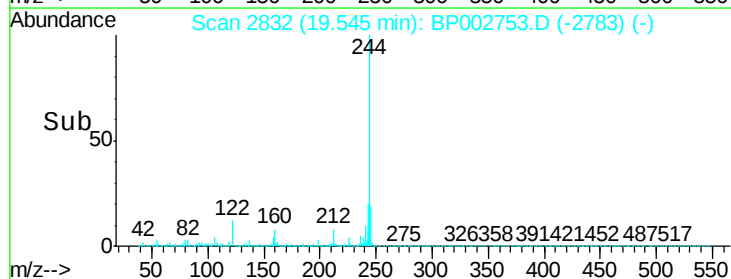
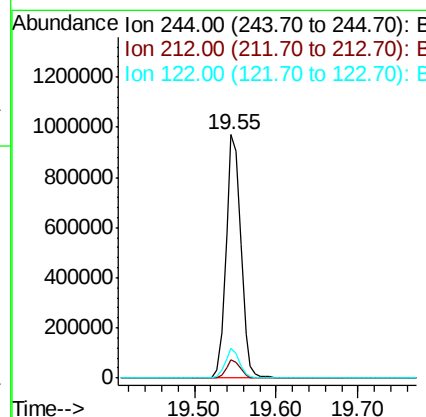
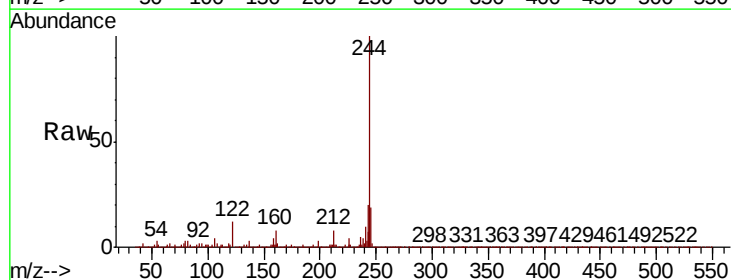
Instrument :
BNA_P
ClientSampleId :
TP-8A-S

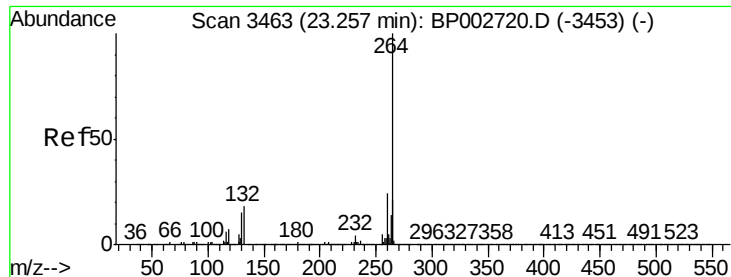
Tot Ion:240 Resp: 658361
Ion Ratio Lower Upper
240 100
120 11.6 9.4 14.2
236 26.4 21.3 31.9



#79
Terphenyl-d14
Concen: 42.825 ng
RT: 19.55 min Scan# 2832
Delta R.T. -0.01 min
Lab File: BP002753.D
Acq: 15 Jul 2020 14:32

Tgt Ion:244 Resp: 1229718
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 12.5 8.9 13.3

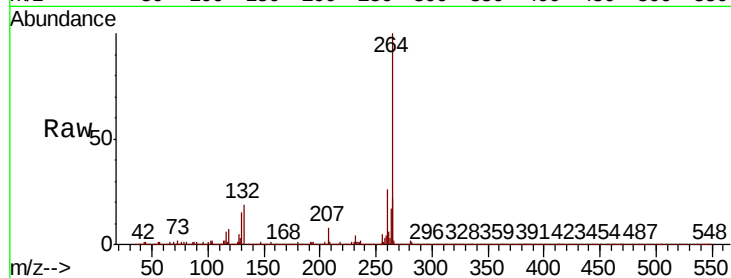




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.25 min Scan# 3462
 Delta R.T. -0.01 min
 Lab File: BP002753.D
 Acq: 15 Jul 2020 14:32

Instrument :
 BNA_P
 ClientSampleId :
 TP-8A-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	19.3	28.9
265	22.5	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

