

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002861.D
 Acq On : 24 Jul 2020 19:23
 Operator : CG/JU
 Sample : L3382-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-005

Quant Time: Jul 24 23:57:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

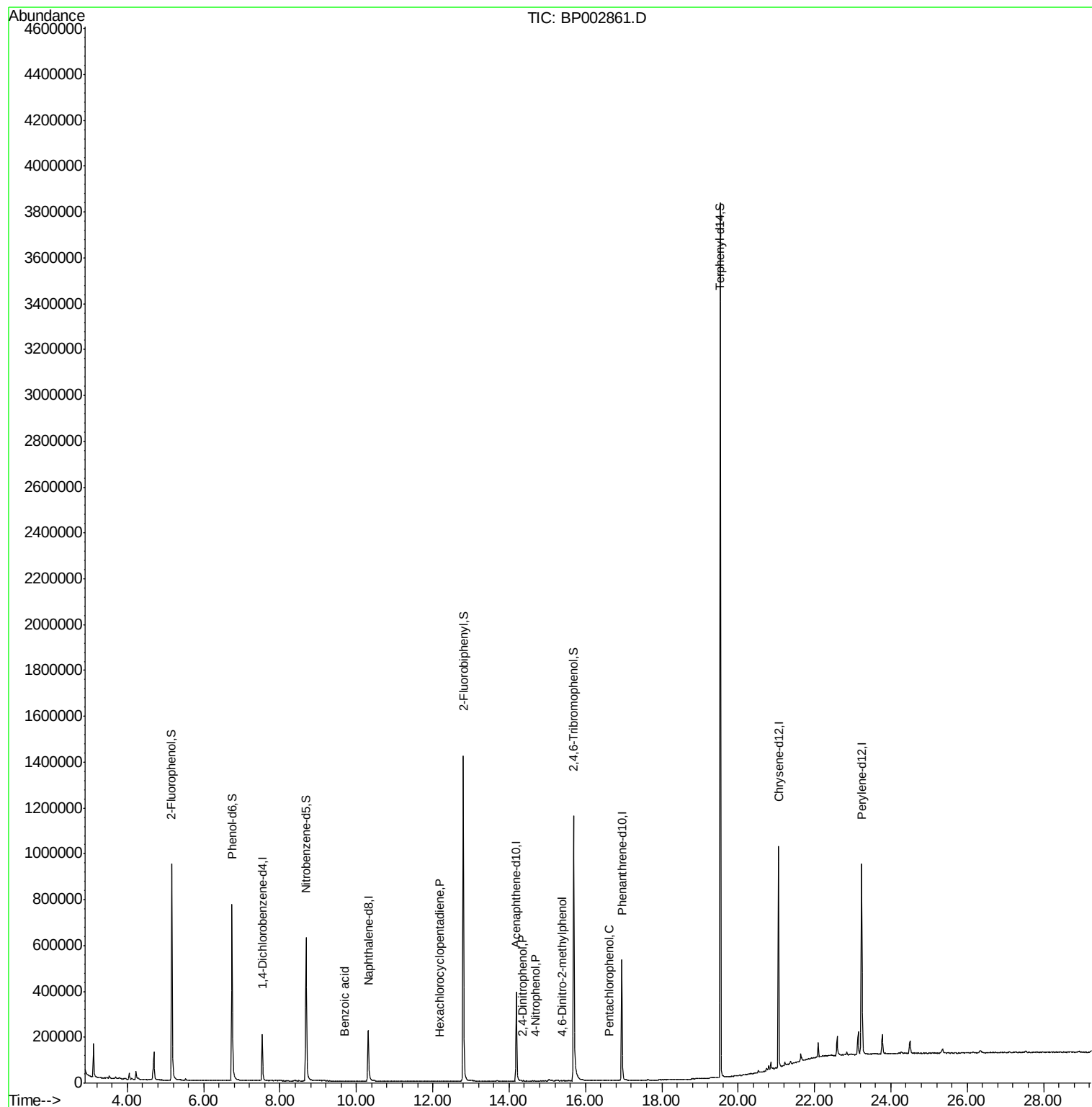
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	58558	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	222839	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	143860	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	352666	20.00	ng	0.00
76) Chrysene-d12	21.06	240	471973	20.00	ng	0.00
86) Perylene-d12	23.23	264	572353	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	469910	135.39	ng	0.00
7) Phenol-d6	6.74	99	543524	109.73	ng	0.00
23) Nitrobenzene-d5	8.68	82	420769	100.99	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	245367	163.40	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	810973	87.21	ng	0.00
79) Terphenyl-d14	19.53	244	1688057	82.00	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	15	7.067	ng	# 1
41) Hexachlorocyclopentadiene	12.17	237	14	7.441	ng	# 85
54) 2,4-Dinitrophenol	14.36	184	28	11.392	ng	# 11
56) 4-Nitrophenol	14.69	139	20	4.981	ng	# 91
65) 4,6-Dinitro-2-methylphenol	15.38	198	17	5.274	ng	# 1
70) Pentachlorophenol	16.63	266	30	7.455	ng	# 45

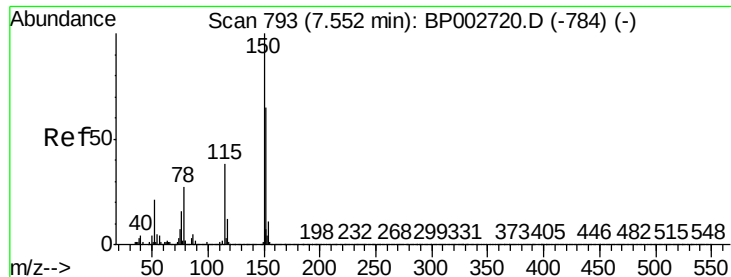
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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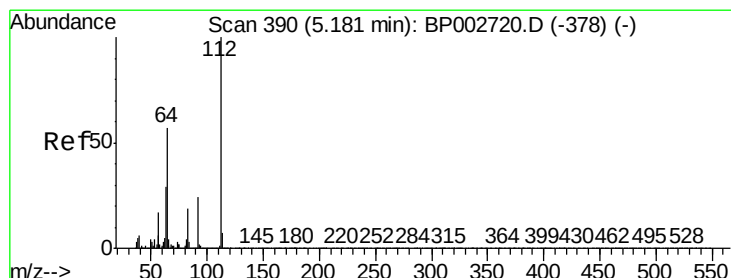
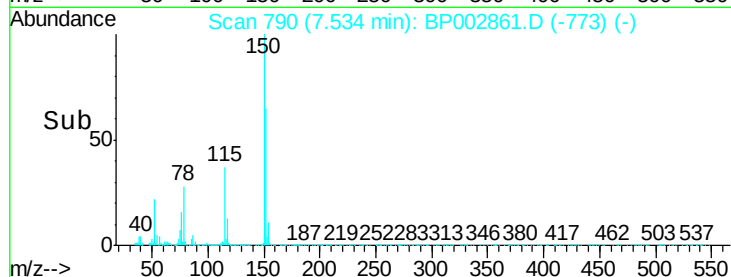
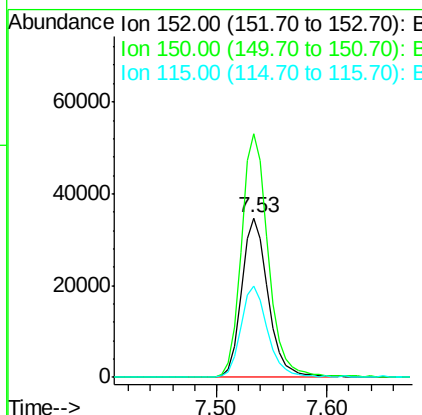
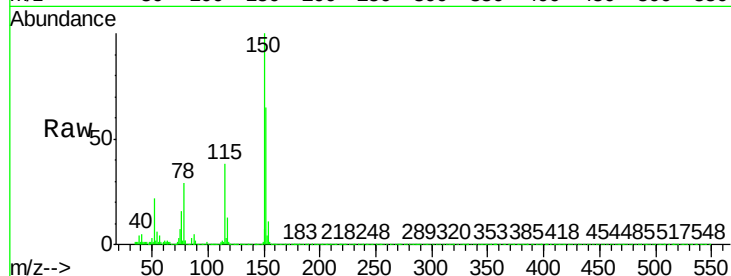


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP002861.D
Acq: 24 Jul 2020 19:23

Instrument :
BNA_P
ClientSampleId :
CTR-005

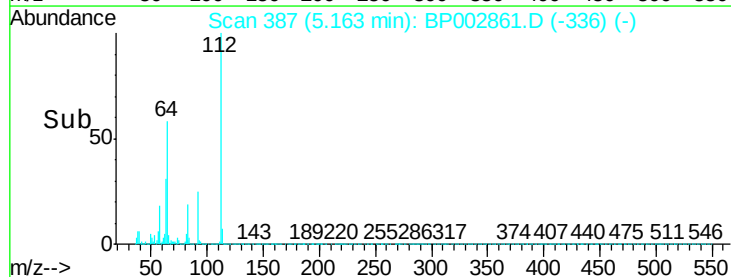
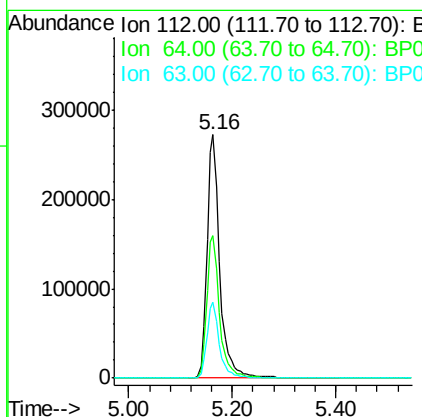
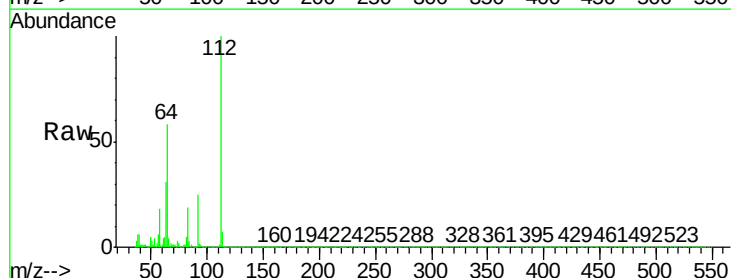
Tot Ion:152 Resp: 58558
Ion Ratio Lower Upper
152 100
150 152.8 122.5 183.7
115 57.3 48.5 72.7

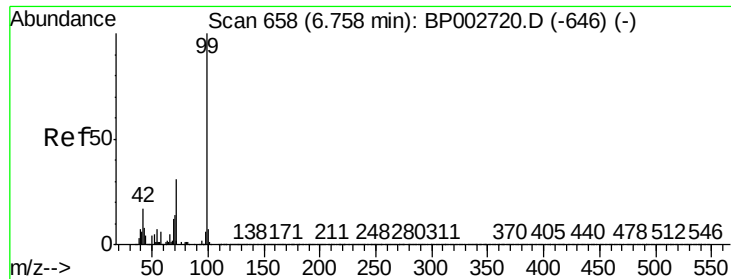


#5

2-Fluorophenol
Concen: 135.392 ng
RT: 5.16 min Scan# 387
Delta R.T. -0.00 min
Lab File: BP002861.D
Acq: 24 Jul 2020 19:23

Tgt Ion:112 Resp: 469910
Ion Ratio Lower Upper
112 100
64 58.5 48.1 72.1
63 31.1 24.9 37.3





#7

Phenol-d6

Concen: 109.729 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002861.D

Acq: 24 Jul 2020 19:23

Instrument :

BNA_P

ClientSampleId :

CTR-005

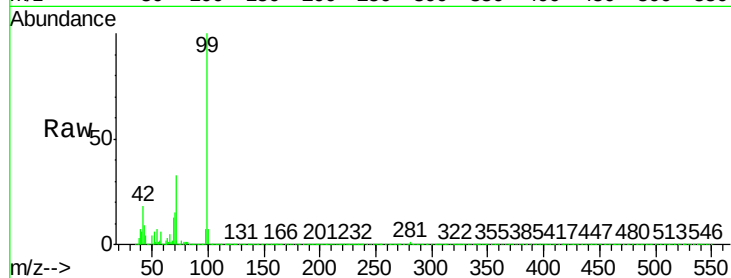
Tot Ion: 99 Resp: 543524

Ion Ratio Lower Upper

99 100

42 17.8 14.2 21.4

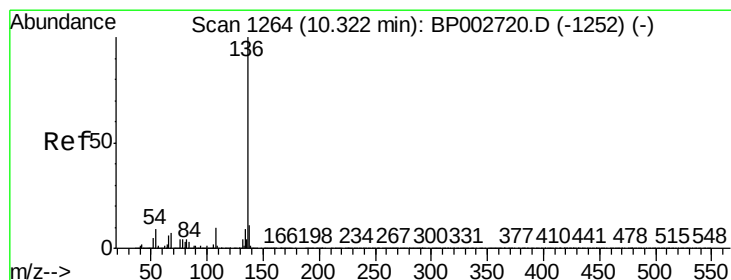
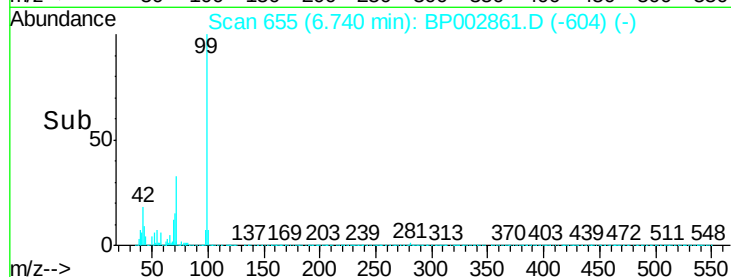
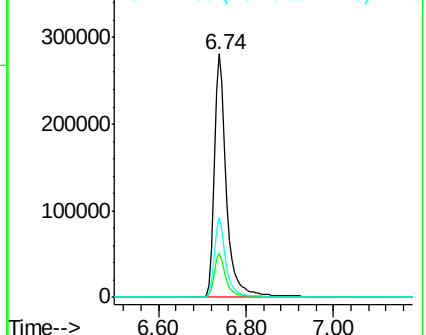
71 32.7 26.1 39.1



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: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BP002861.D

Acq: 24 Jul 2020 19:23

Tgt Ion: 136 Resp: 222839

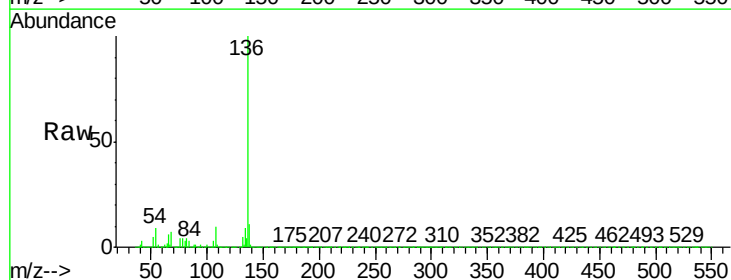
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 8.7 7.3 10.9

68 7.0 5.7 8.5

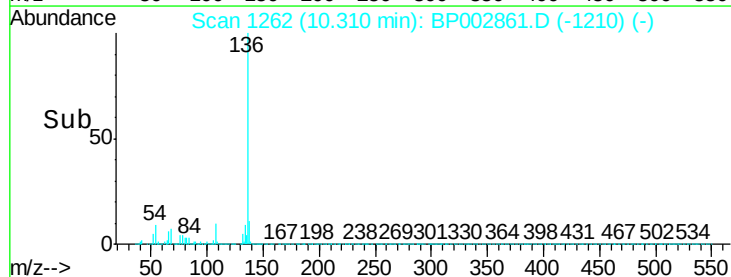
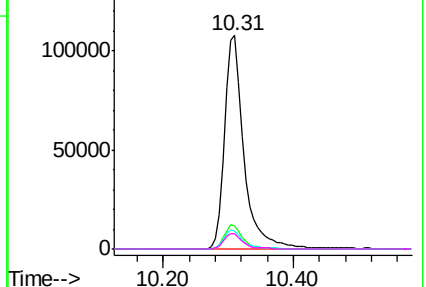


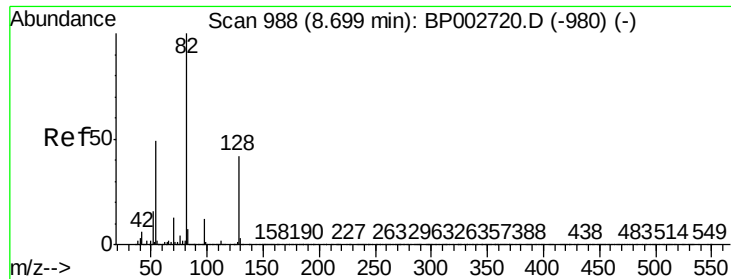
Abundance Ion 136.00 (135.70 to 136.70): E

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

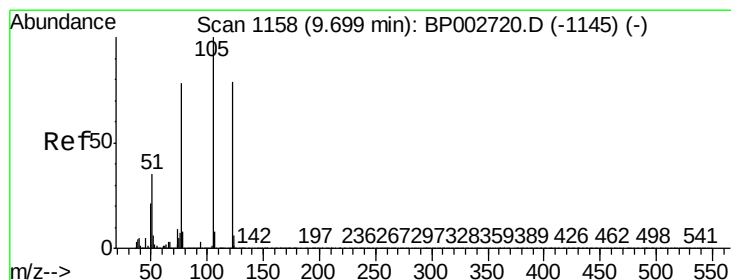
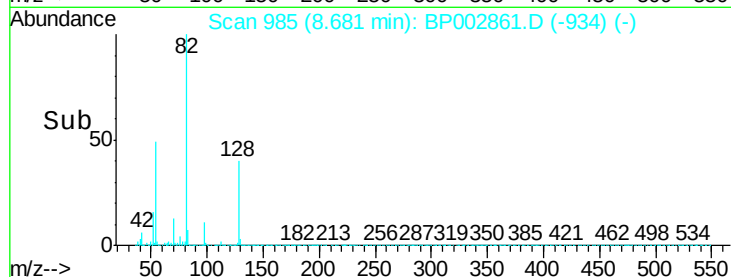
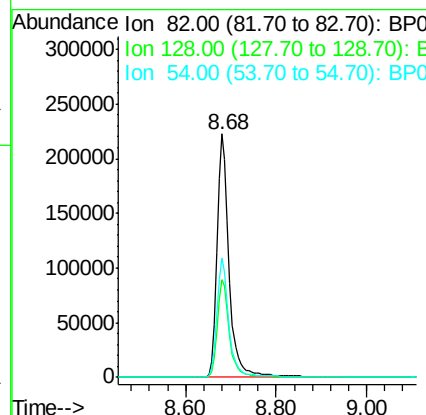
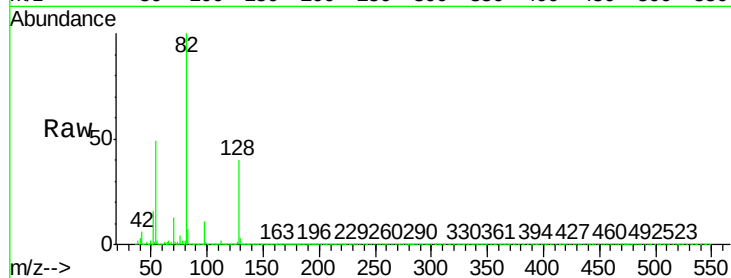




#23
Nitrobenzene-d5
Concen: 100.989 ng
RT: 8.68 min Scan# 985
Delta R.T. -0.00 min
Lab File: BP002861.D
Acq: 24 Jul 2020 19:23

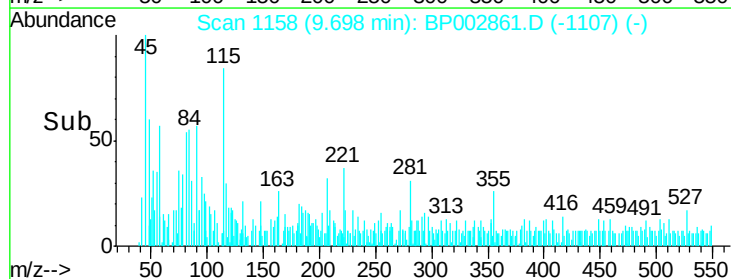
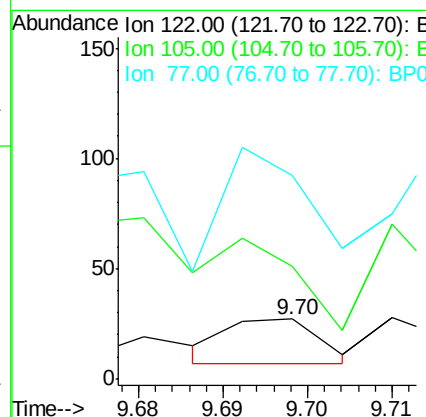
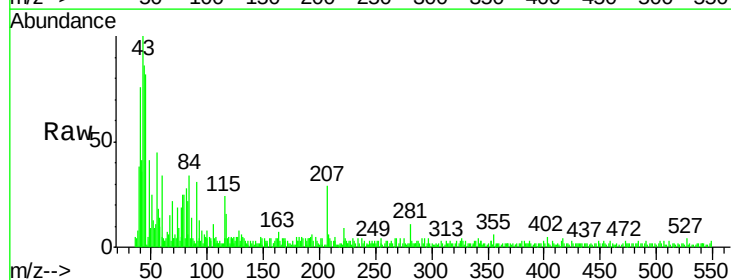
Instrument :
BNA_P
ClientSampleId :
CTR-005

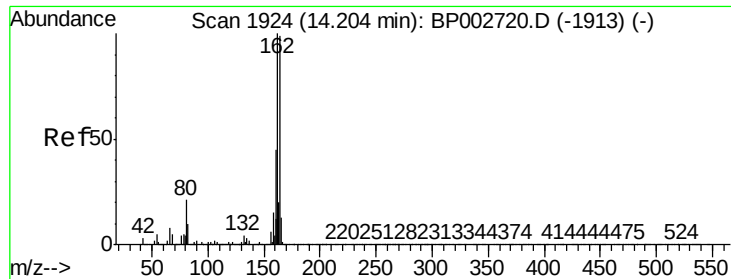
Tot Ion	82	Resp	420769
Ion Ratio	Lower	Upper	
82	100		
128	40.0	32.6	49.0
54	48.8	38.9	58.3



#32
Benzoic acid
Concen: 7.067 ng
RT: 9.70 min Scan# 1158
Delta R.T. -0.00 min
Lab File: BP002861.D
Acq: 24 Jul 2020 19:23

Tgt Ion	122	Resp	15
Ion Ratio	Lower	Upper	
122	100		
105	188.9	101.9	141.9#
77	340.7	78.0	118.0#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.19 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BP002861.D

Acq: 24 Jul 2020 19:23

Instrument :

BNA_P

ClientSampleId :

CTR-005

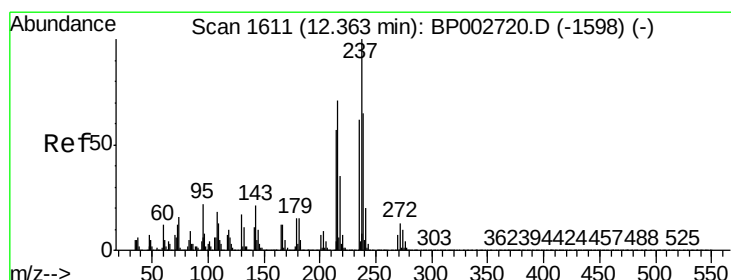
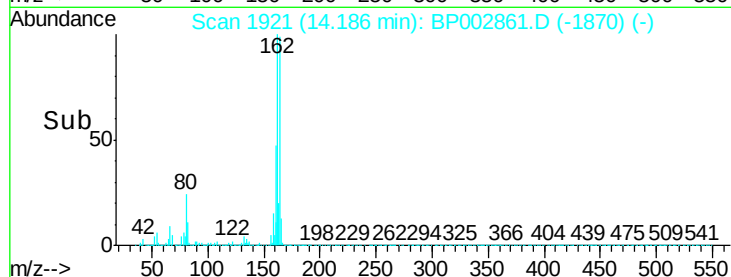
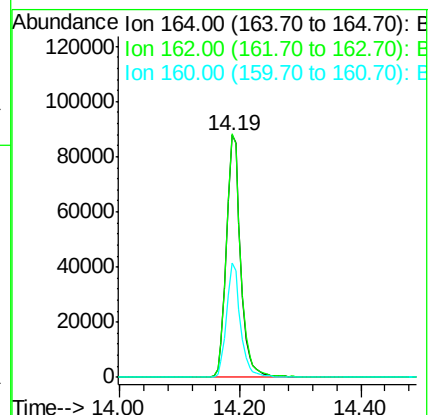
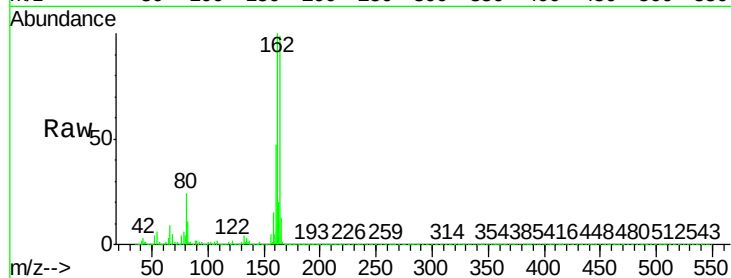
Tot Ion:164 Resp: 143860

Ion Ratio Lower Upper

164 100

162 100.6 78.4 117.6

160 47.3 36.1 54.1



#41

Hexachlorocyclopentadiene

Concen: 7.441 ng

RT: 12.17 min Scan# 1578

Delta R.T. -0.17 min

Lab File: BP002861.D

Acq: 24 Jul 2020 19:23

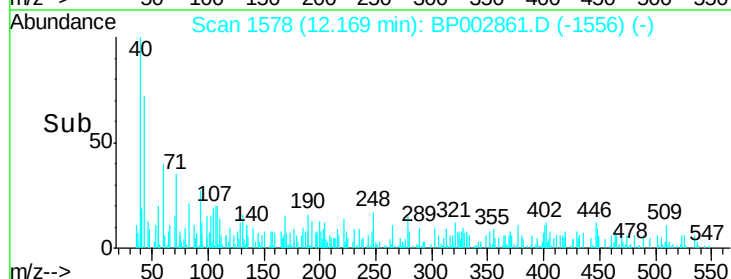
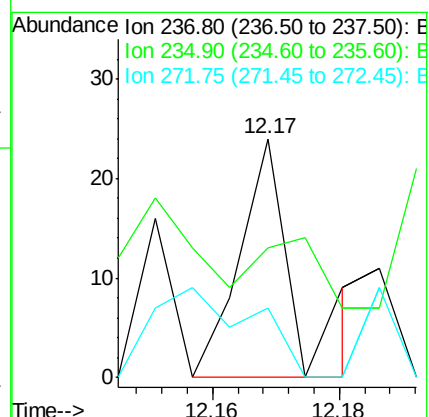
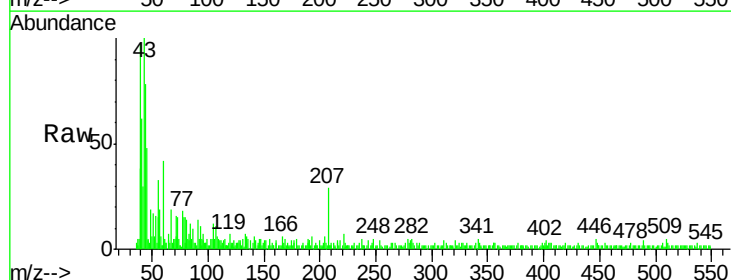
Tgt Ion:237 Resp: 14

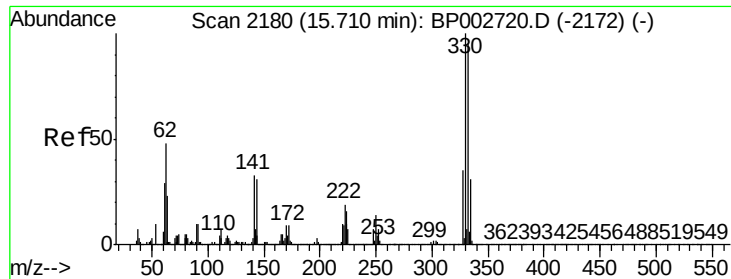
Ion Ratio Lower Upper

237 100

235 54.2 40.9 80.9

272 29.2 0.0 32.1

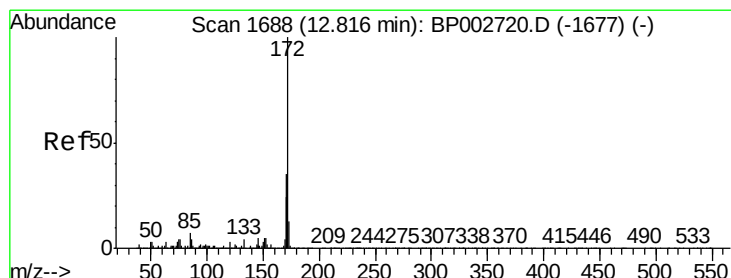
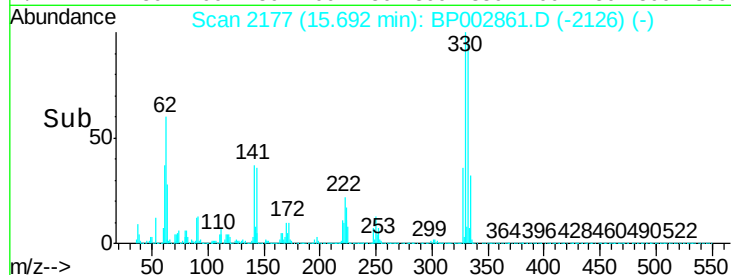
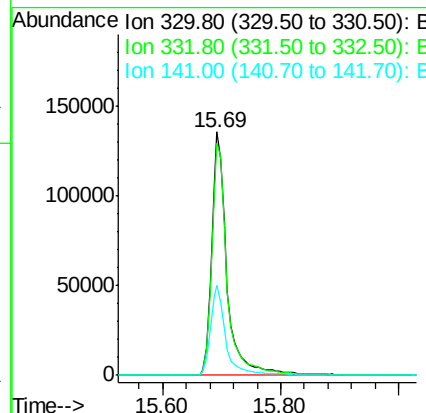
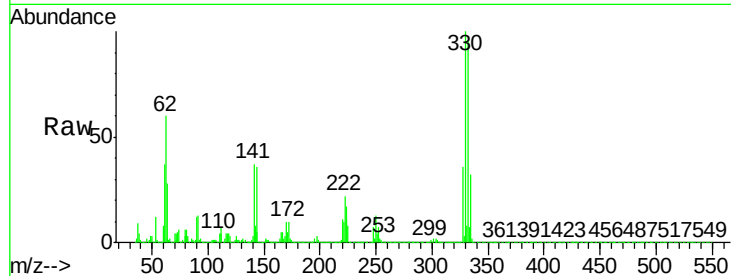




#42
2,4,6-Tribromophenol
Concen: 163.396 ng
RT: 15.69 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BP002861.D
Acq: 24 Jul 2020 19:23

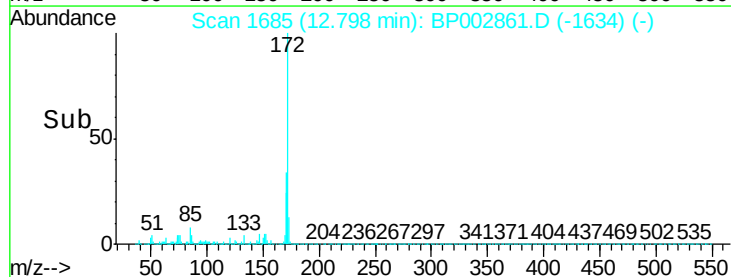
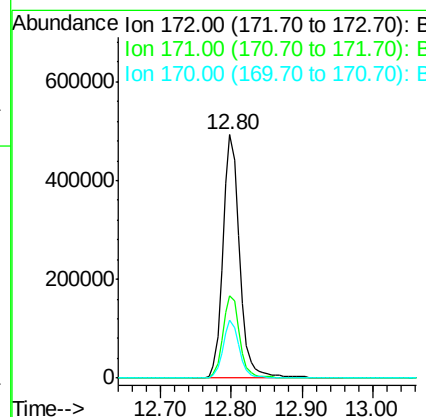
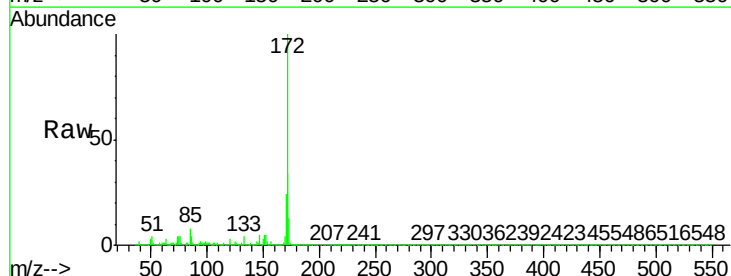
Instrument :
BNA_P
ClientSampleId :
CTR-005

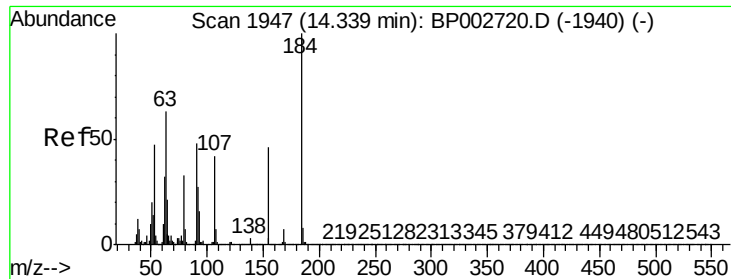
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	36.8	29.0	43.6



#45
2-Fluorobiphenyl
Concen: 87.207 ng
RT: 12.80 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BP002861.D
Acq: 24 Jul 2020 19:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.0	40.4
170	24.1	19.4	29.2

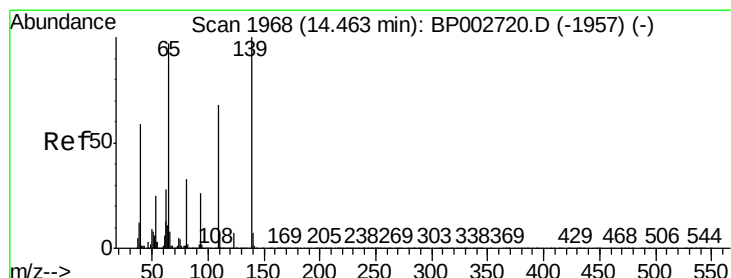
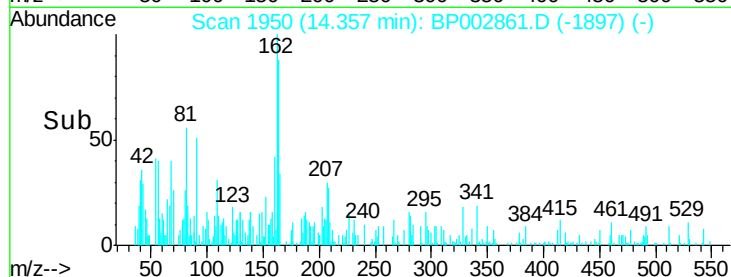
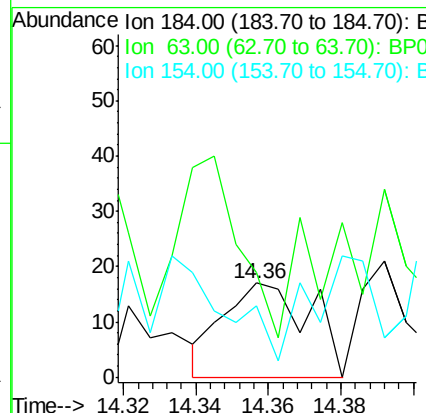
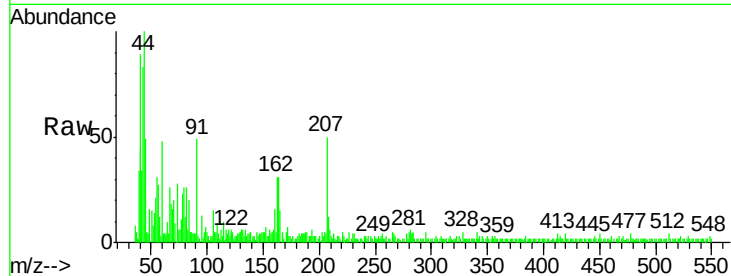




#54
2,4-Dinitrophenol
Concen: 11.392 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.01 min
Lab File: BP002861.D
Acq: 24 Jul 2020 19:23

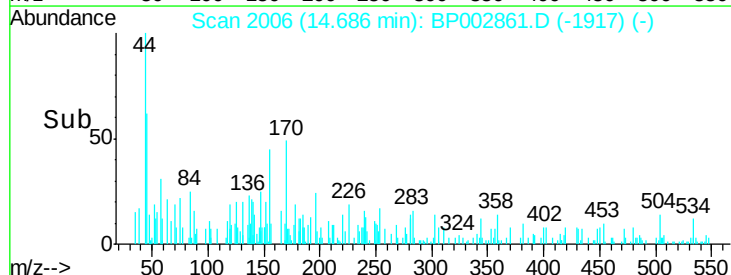
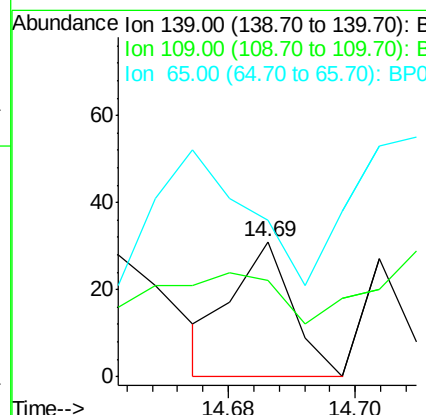
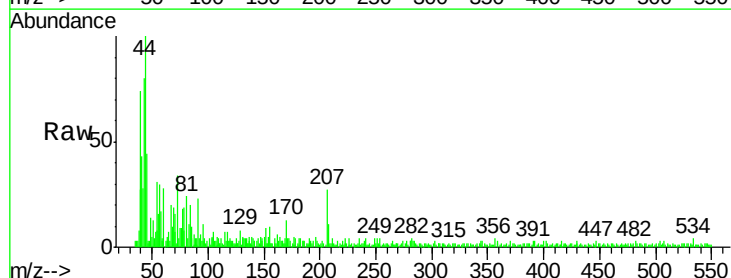
Instrument :
BNA_P
ClientSampled :
CTR-005

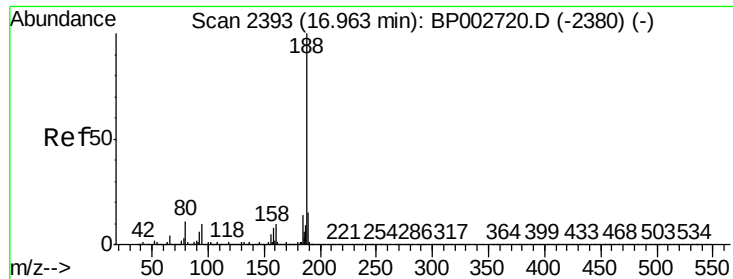
Tot Ion:184 Resp: 28
Ion Ratio Lower Upper
184 100
63 188.2 55.4 83.0#
154 76.5 47.5 71.3#



#56
4-Nitrophenol
Concen: 4.981 ng
RT: 14.69 min Scan# 2006
Delta R.T. 0.22 min
Lab File: BP002861.D
Acq: 24 Jul 2020 19:23

Tgt Ion:139 Resp: 20
Ion Ratio Lower Upper
139 100
109 71.0 55.2 95.2
65 116.1 84.7 124.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BP002861.D

Acq: 24 Jul 2020 19:23

Instrument :

BNA_P

ClientSampleId :

CTR-005

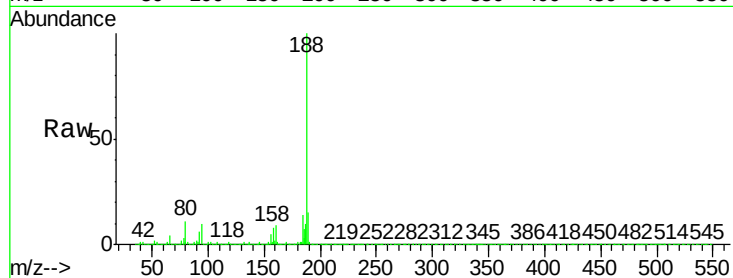
Tot Ion:188 Resp: 352666

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

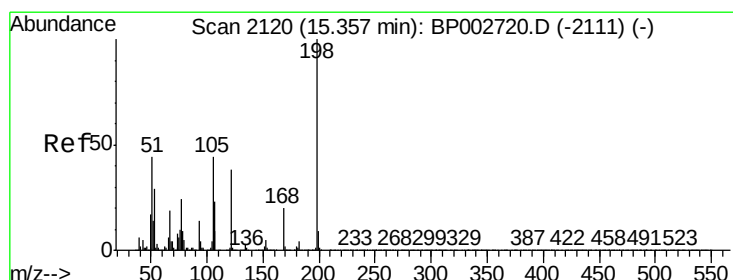
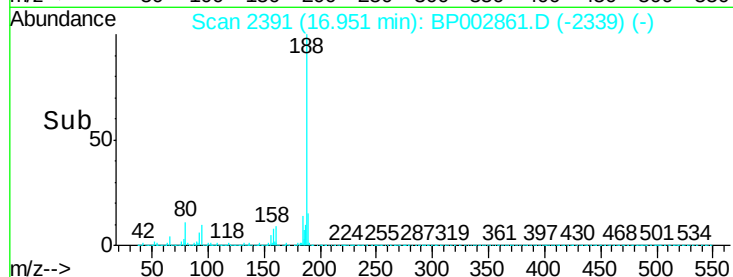
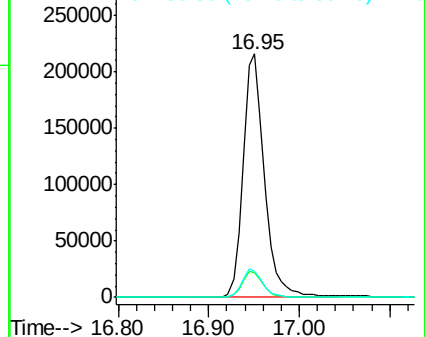
80 10.7 9.0 13.4



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: 15.38 min Scan# 2124

Delta R.T. 0.02 min

Lab File: BP002861.D

Acq: 24 Jul 2020 19:23

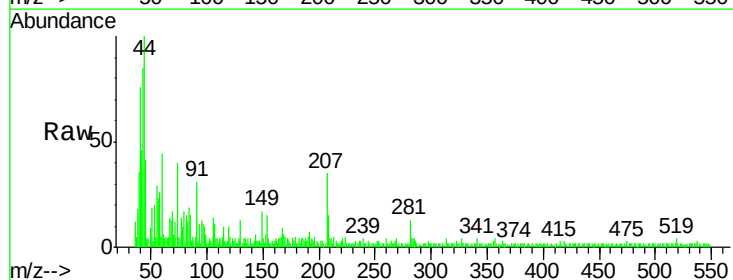
Tgt Ion:198 Resp: 17

Ion Ratio Lower Upper

198 100

51 538.9 25.1 65.1#

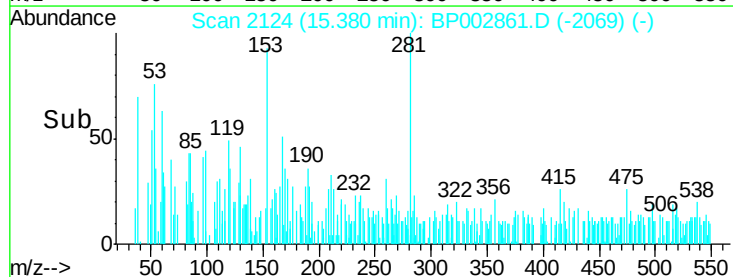
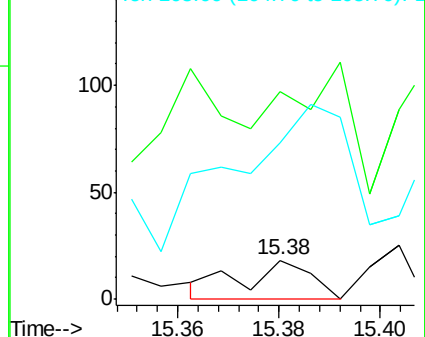
105 405.6 24.6 64.6#

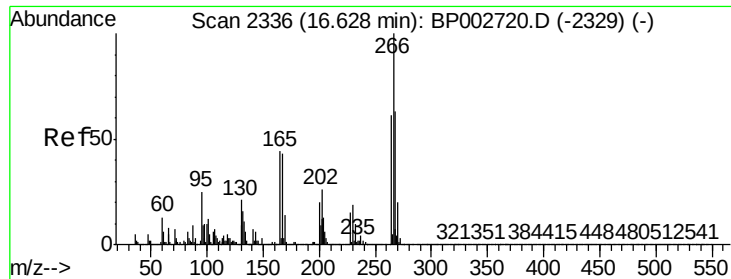


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

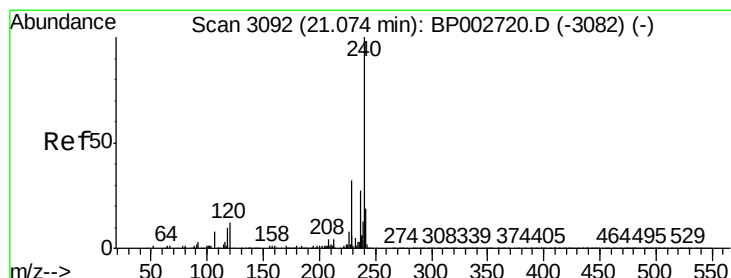
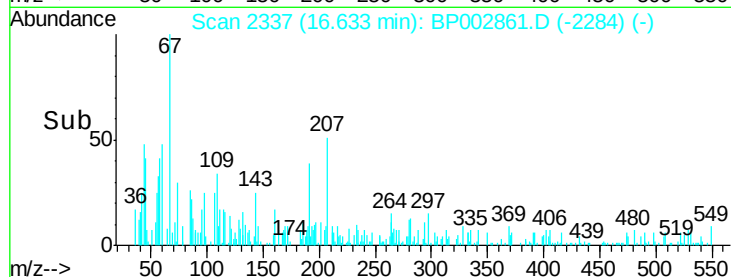
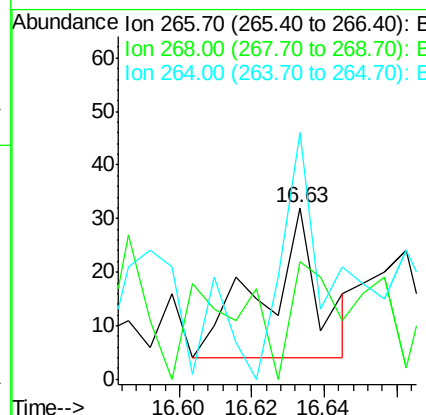
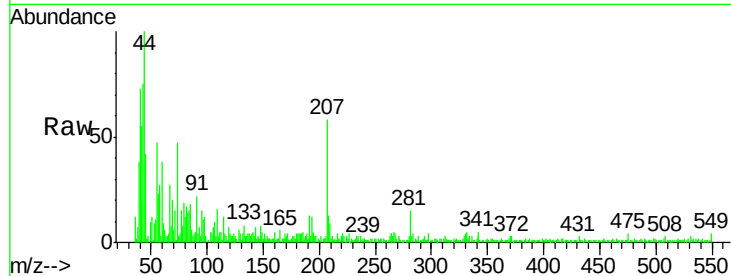




#70
 Pentachlorophenol
 Concen: 7.455 ng
 RT: 16.63 min Scan# 2337
 Delta R.T. 0.01 min
 Lab File: BP002861.D
 Acq: 24 Jul 2020 19:23

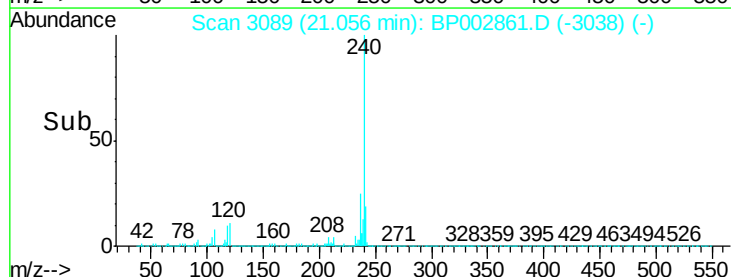
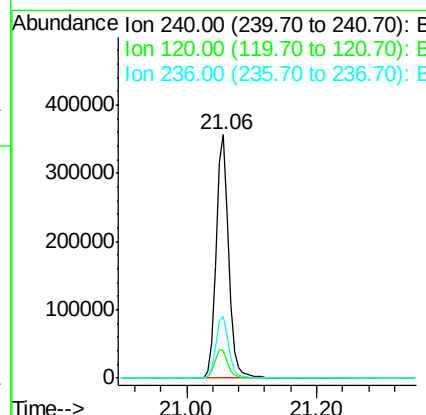
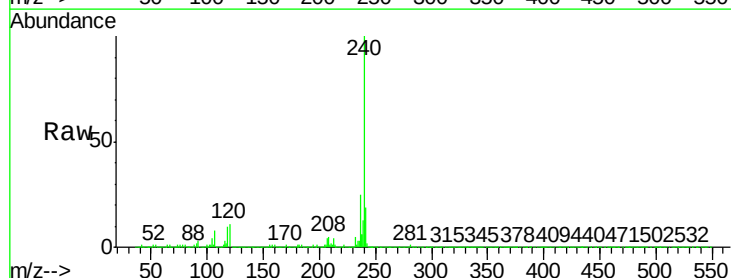
Instrument :
 BNA_P
 ClientSampled :
 CTR-005

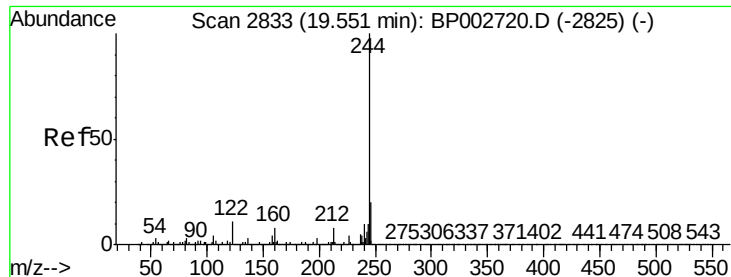
Tot Ion	Ratio	Lower	Upper
266	100		
268	68.8	51.2	76.8
264	143.8	50.2	75.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BP002861.D
 Acq: 24 Jul 2020 19:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	25.3	20.3	30.5





#79

Terphenyl-d14

Concen: 82.001 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002861.D

Acq: 24 Jul 2020 19:23

Instrument :

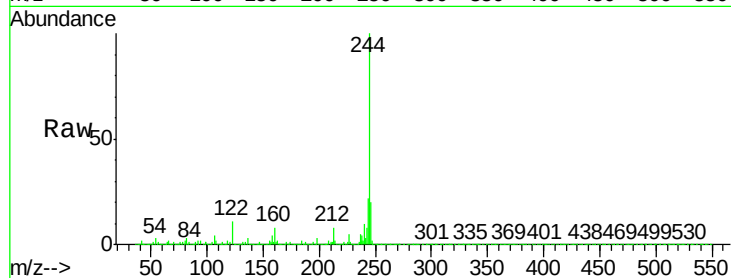
BNA_P

ClientSampleId :

CTR-005

Tot Ion:244 Resp: 1688057

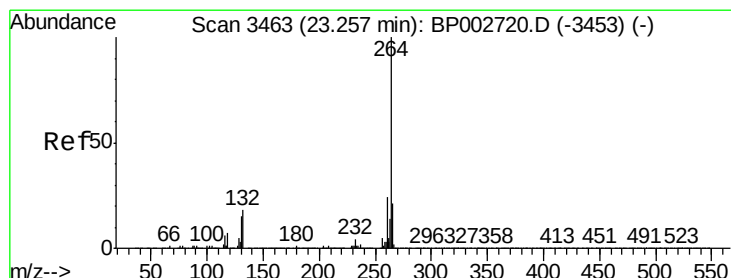
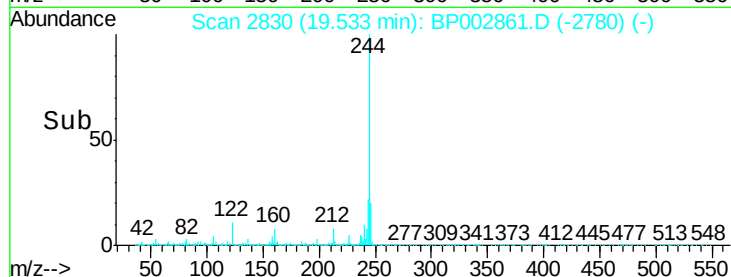
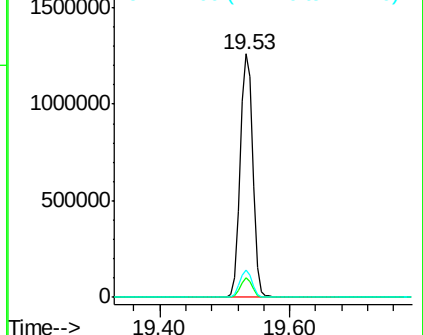
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	11.3	7.9	11.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.23 min Scan# 3459

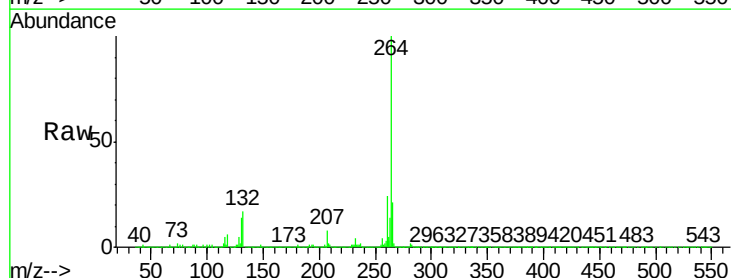
Delta R.T. -0.00 min

Lab File: BP002861.D

Acq: 24 Jul 2020 19:23

Tgt Ion:264 Resp: 572353

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.8	16.7	25.1



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

