

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002858.D
 Acq On : 24 Jul 2020 17:41
 Operator : CG/JU
 Sample : L3382-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-020

Quant Time: Jul 24 18:13:34 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

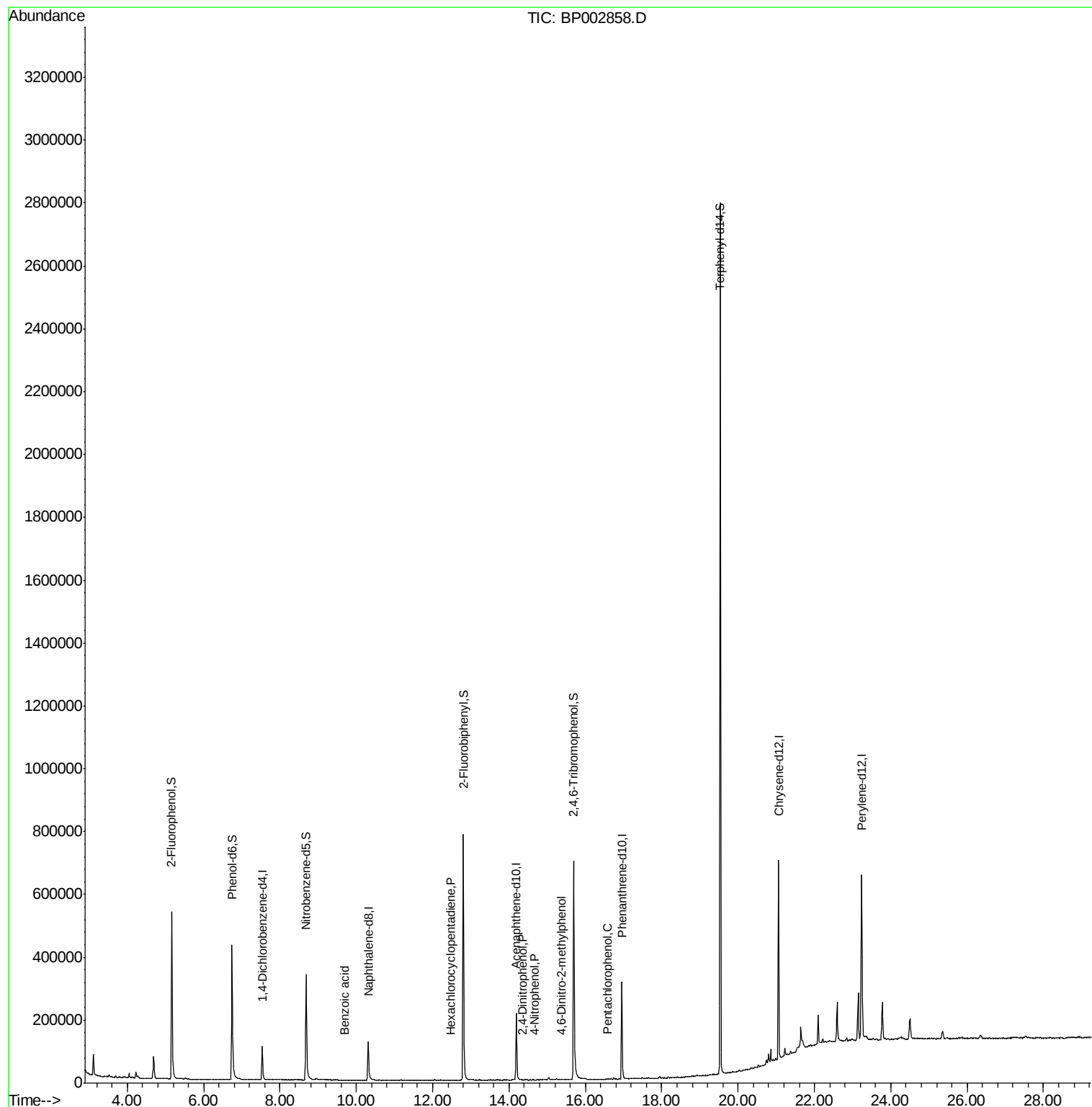
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	30788	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	121899	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	80419	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	201321	20.00	ng	0.00
76) Chrysene-d12	21.06	240	301890	20.00	ng	0.00
86) Perylene-d12	23.23	264	372569	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	272629	149.40	ng	0.00
7) Phenol-d6	6.74	99	321609	123.49	ng	0.00
23) Nitrobenzene-d5	8.68	82	240716	105.61	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	146154	174.11	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	450536	86.67	ng	0.00
79) Terphenyl-d14	19.53	244	1153313	87.59	ng	0.00
Target Compounds						
32) Benzoic acid	9.70	122	17	7.073	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.46	237	18	7.449	ng	74
54) 2,4-Dinitrophenol	14.35	184	11	11.387	ng	# 1
56) 4-Nitrophenol	14.67	139	59	5.019	ng	89
65) 4,6-Dinitro-2-methylphenol	15.37	198	12	5.275	ng	# 1
70) Pentachlorophenol	16.59	266	37	7.471	ng	92

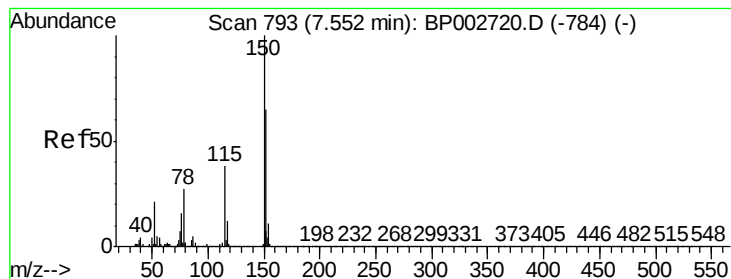
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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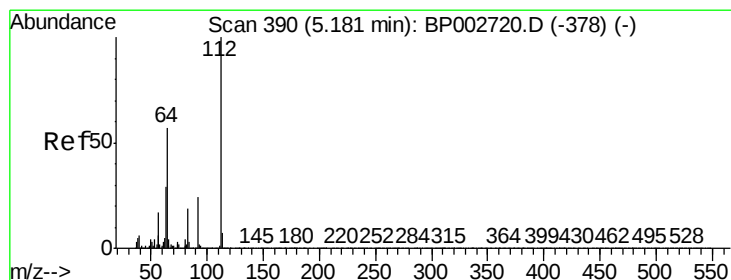
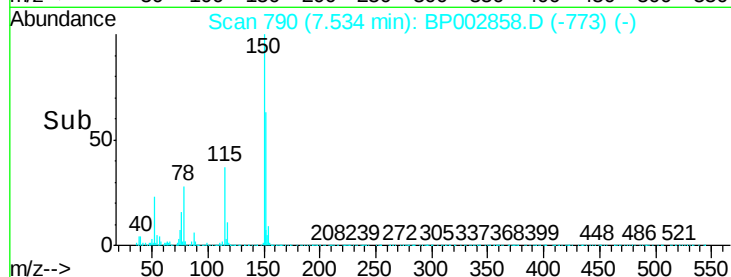
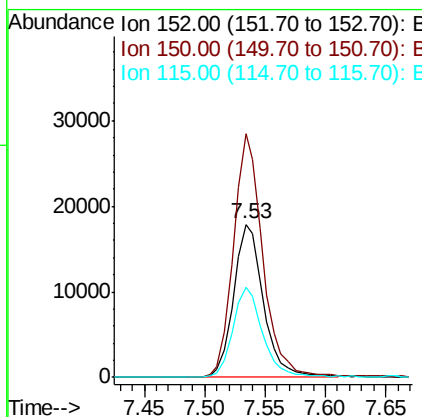
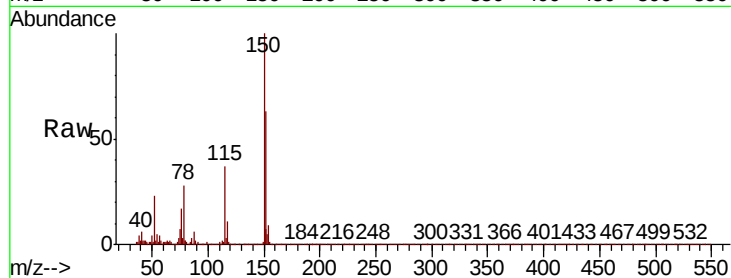




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.53 min Scan# 790
 Delta R.T. -0.00 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

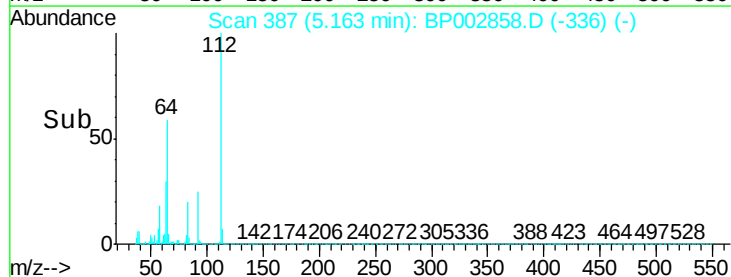
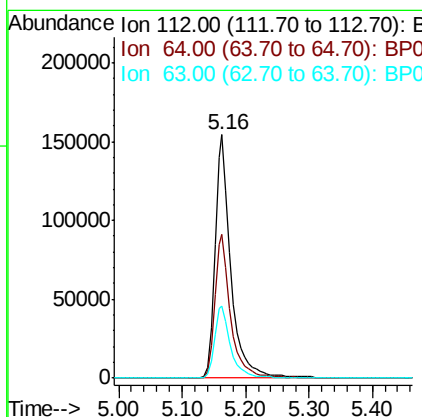
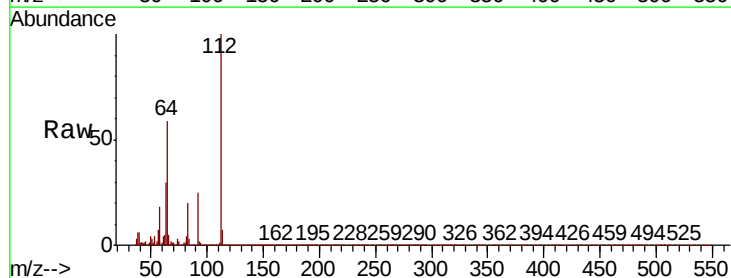
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020

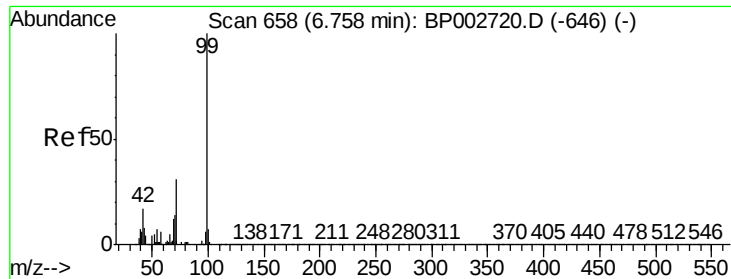
Tot Ion:152 Resp: 30788
 Ion Ratio Lower Upper
 152 100
 150 159.0 122.5 183.7
 115 58.8 48.5 72.7



#5
 2-Fluorophenol
 Concen: 149.401 ng
 RT: 5.16 min Scan# 387
 Delta R.T. -0.00 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

Tgt Ion:112 Resp: 272629
 Ion Ratio Lower Upper
 112 100
 64 59.1 48.1 72.1
 63 29.9 24.9 37.3





#7

Phenol-d6

Concen: 123.491 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002858.D

Acq: 24 Jul 2020 17:41

Instrument :

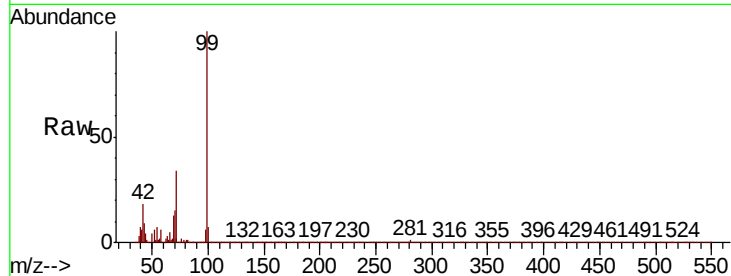
BNA_P

ClientSampleId :

CTR-020

Tot Ion: 99 Resp: 321609

Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.2	21.4
71	33.5	26.1	39.1



Abundance

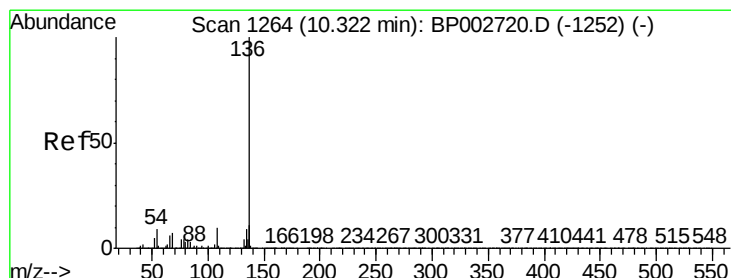
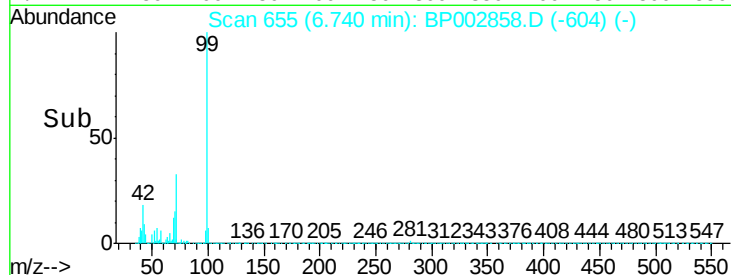
Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

6.74

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1262

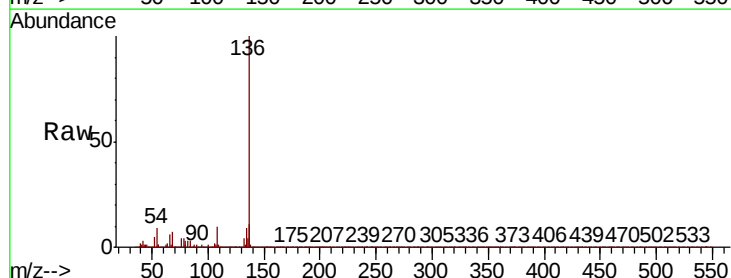
Delta R.T. 0.01 min

Lab File: BP002858.D

Acq: 24 Jul 2020 17:41

Tgt Ion: 136 Resp: 121899

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	7.3	10.9
68	6.8	5.7	8.5



Abundance

Ion 136.00 (135.70 to 136.70): E

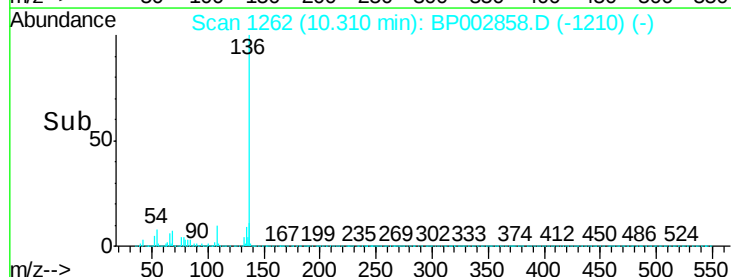
Ion 137.00 (136.70 to 137.70): E

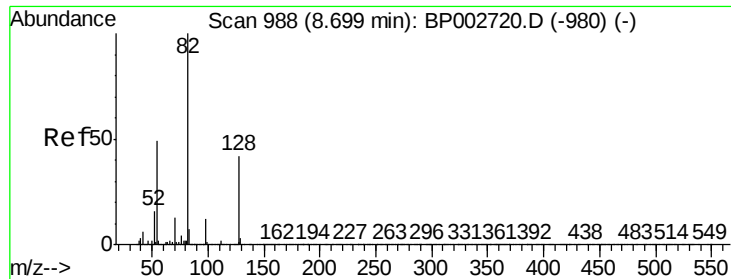
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

10.31

Time-->

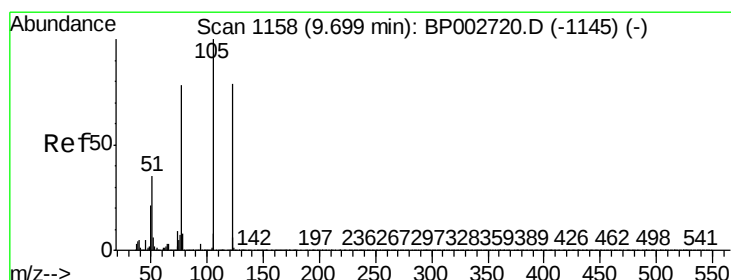
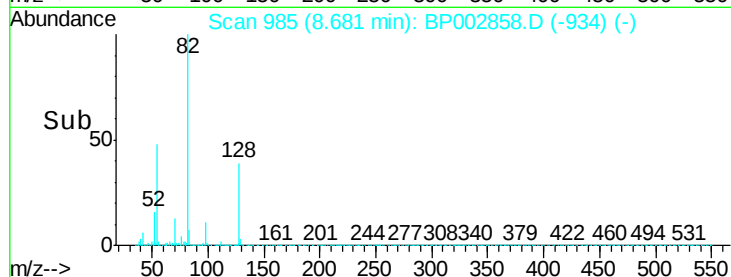
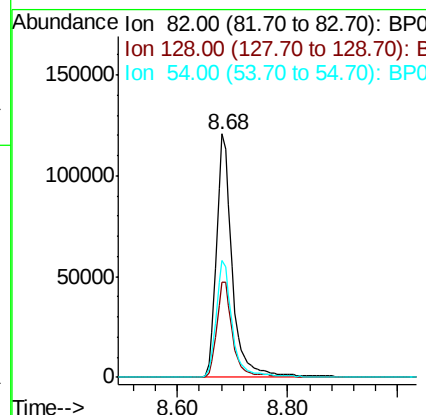
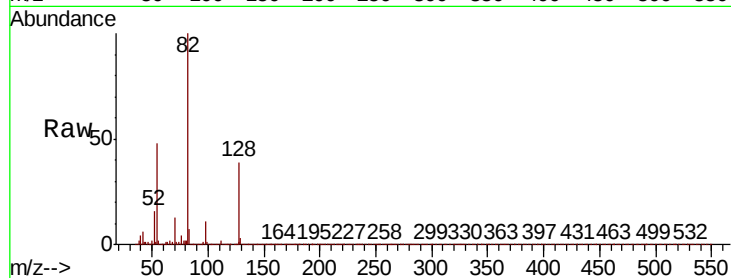




#23
Nitrobenzene-d5
Concen: 105.615 ng
RT: 8.68 min Scan# 985
Delta R.T. -0.00 min
Lab File: BP002858.D
Acq: 24 Jul 2020 17:41

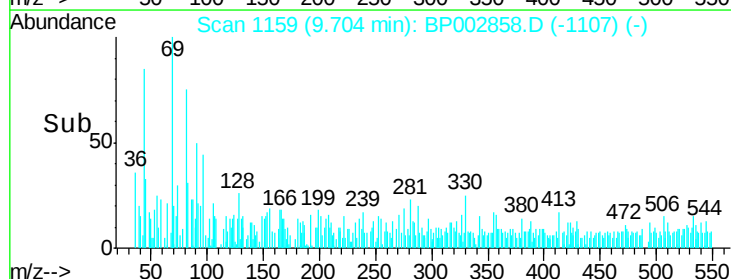
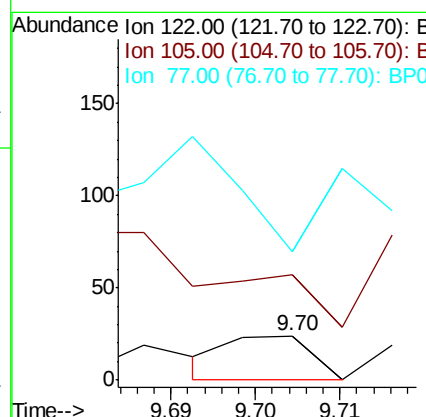
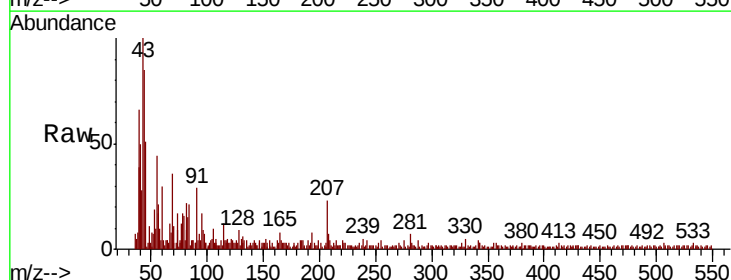
Instrument :
BNA_P
ClientSampleId :
CTR-020

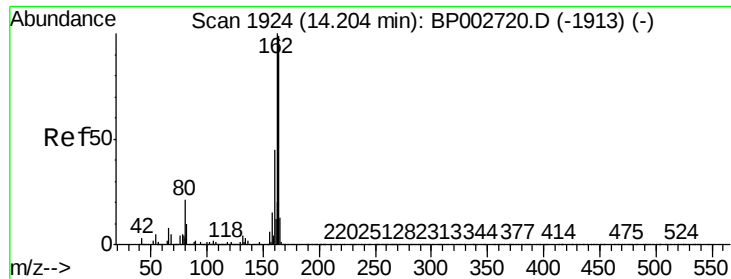
Tot Ion	82	Resp	240716
Ion Ratio	100	Lower	Upper
128	39.1	32.6	49.0
54	47.9	38.9	58.3



#32
Benzoic acid
Concen: 7.073 ng
RT: 9.70 min Scan# 1159
Delta R.T. 0.01 min
Lab File: BP002858.D
Acq: 24 Jul 2020 17:41

Tgt Ion	122	Resp	17
Ion Ratio	100	Lower	Upper
105	237.5	101.9	141.9#
77	291.7	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: BP002858.D

Acq: 24 Jul 2020 17:41

Instrument :

BNA_P

ClientSampleId :

CTR-020

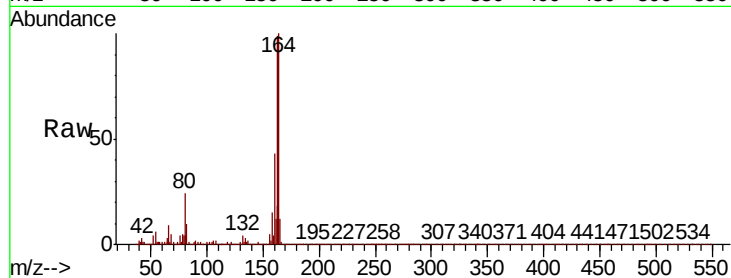
Tot Ion:164 Resp: 80419

Ion Ratio Lower Upper

164 100

162 98.8 78.4 117.6

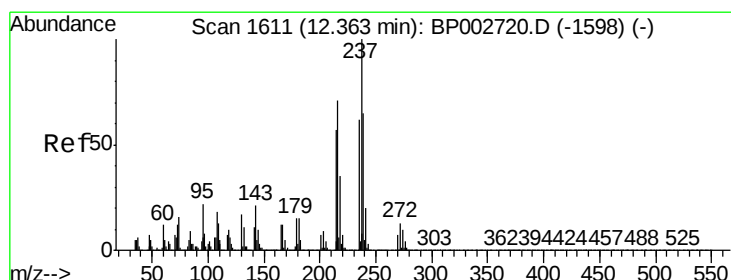
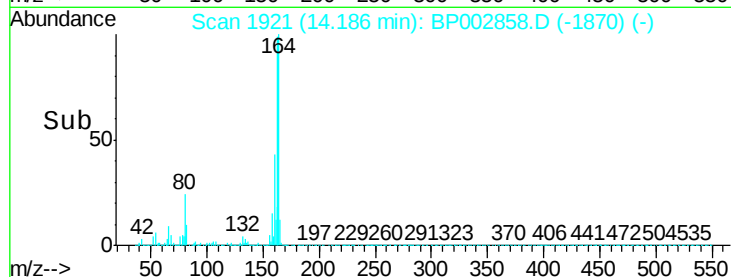
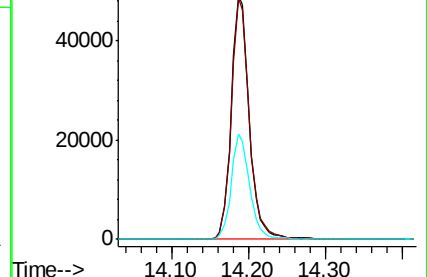
160 43.1 36.1 54.1



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: 7.449 ng

RT: 12.46 min Scan# 1627

Delta R.T. 0.12 min

Lab File: BP002858.D

Acq: 24 Jul 2020 17:41

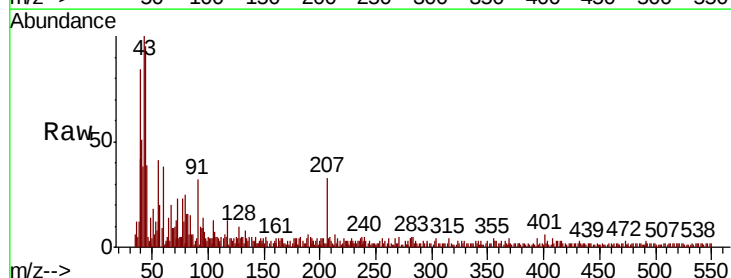
Tgt Ion:237 Resp: 18

Ion Ratio Lower Upper

237 100

235 41.9 40.9 80.9

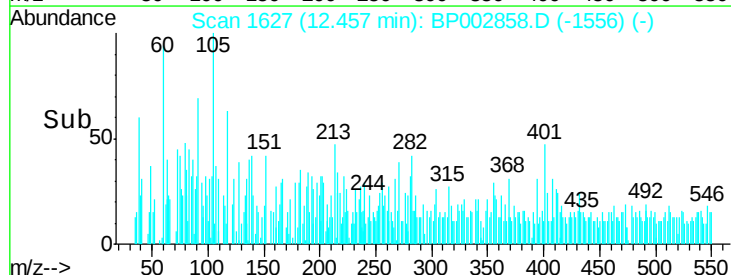
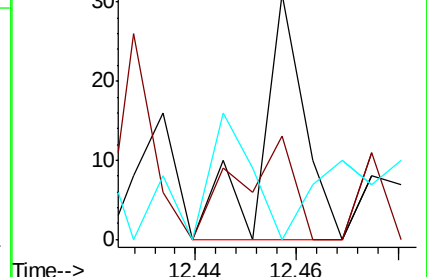
272 0.0 0.0 32.1

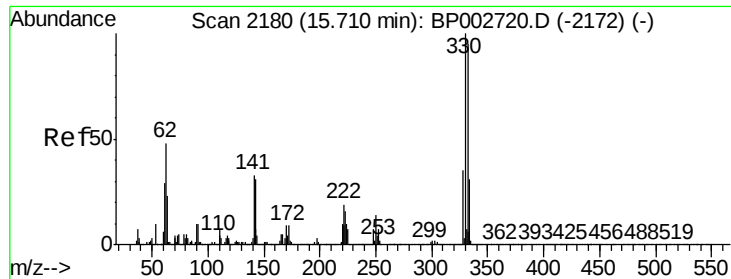


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

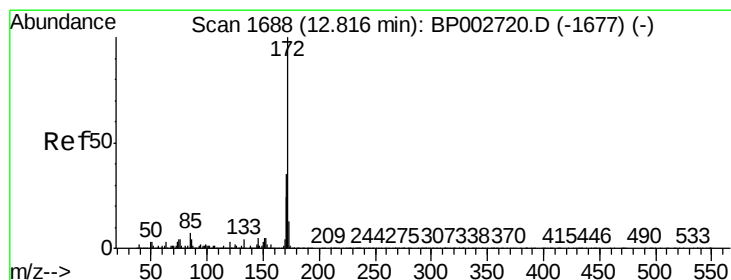
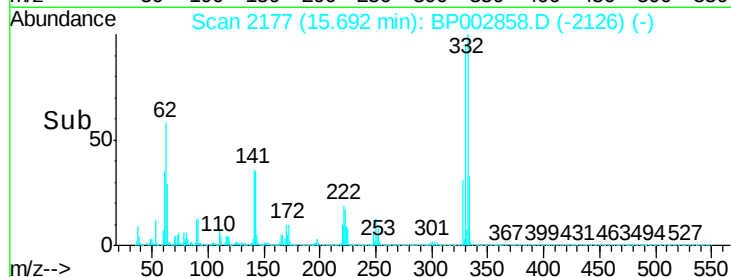
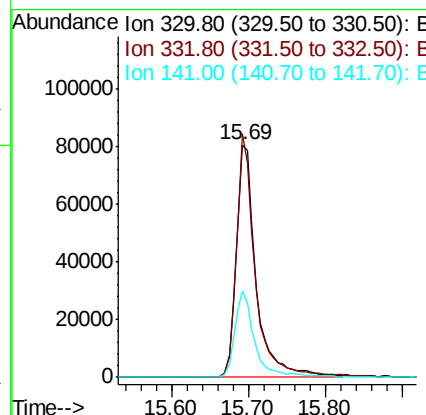
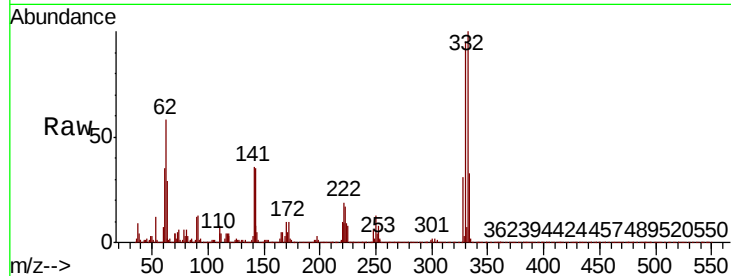




#42
 2,4,6-Tribromophenol
 Concen: 174.108 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

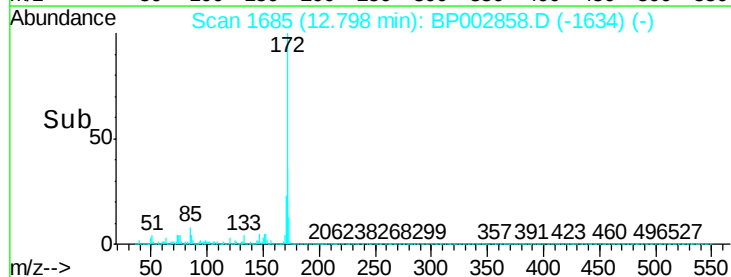
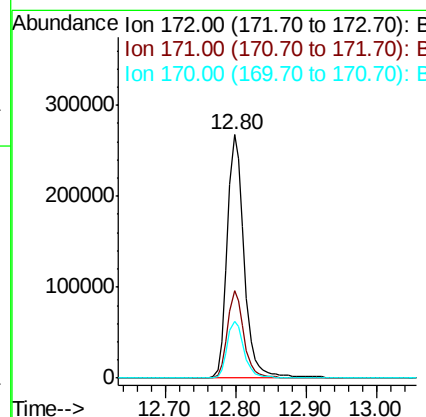
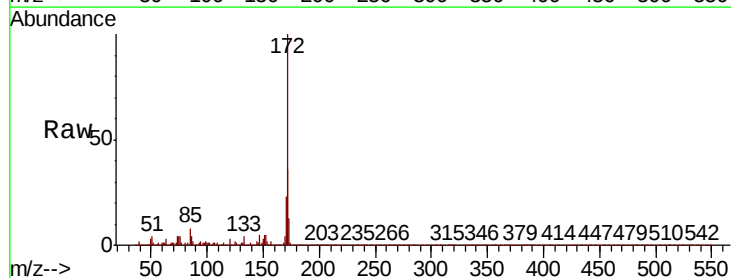
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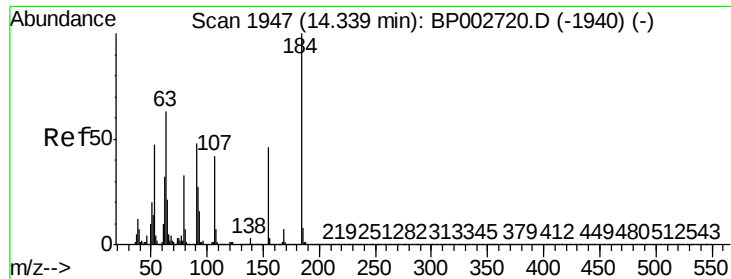
Tot Ion:330 Resp: 146154
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.6 116.4
 141 37.3 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 86.667 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

Tgt Ion:172 Resp: 450536
 Ion Ratio Lower Upper
 172 100
 171 35.7 27.0 40.4
 170 23.3 19.4 29.2

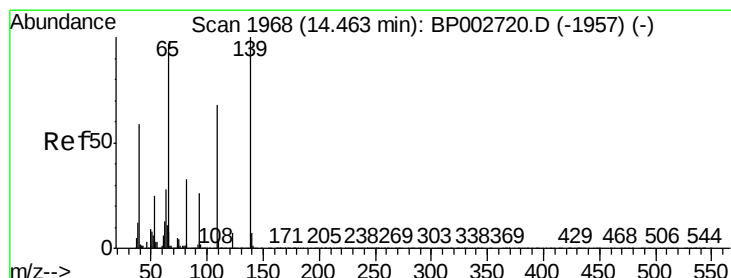
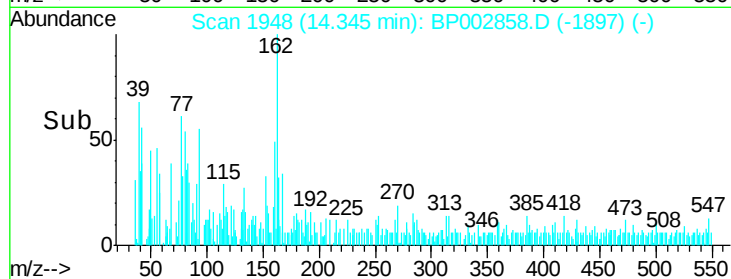
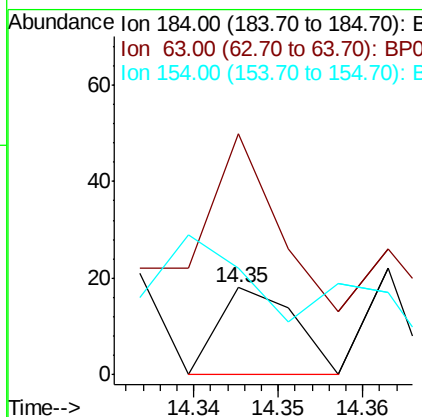
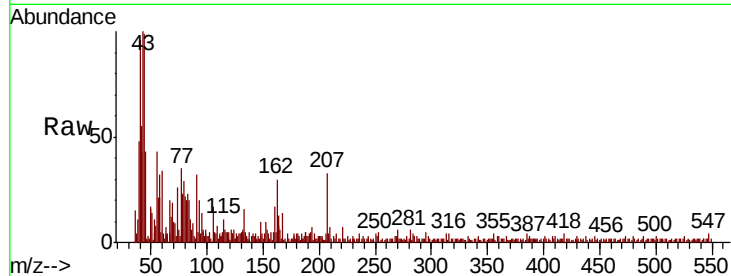




#54
 2,4-Dinitrophenol
 Concen: 11.387 ng
 RT: 14.35 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

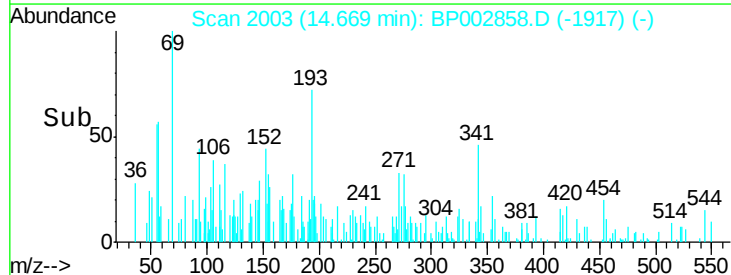
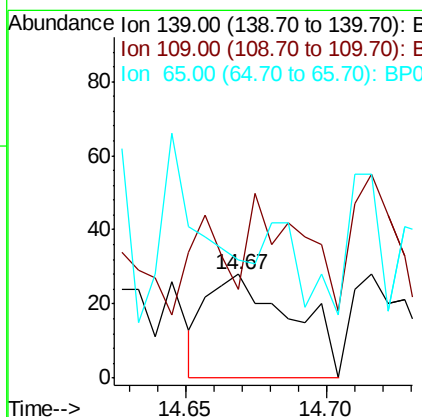
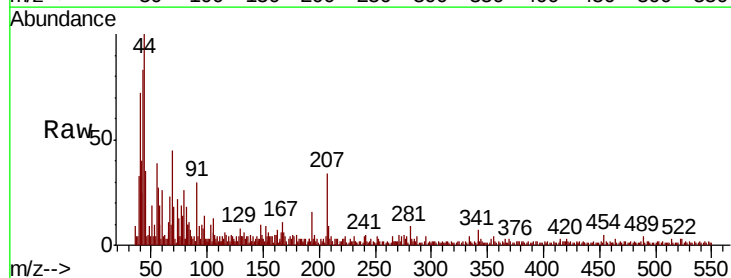
Instrument :
 BNA_P
 ClientSampled :
 CTR-020

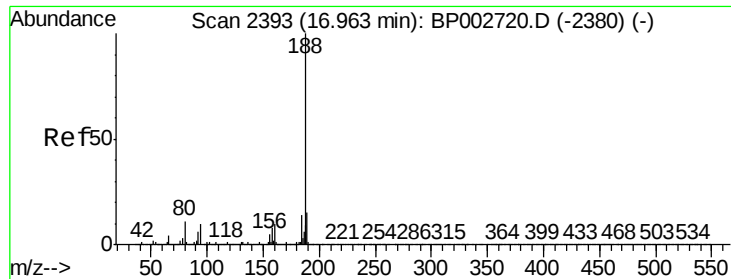
Tot Ion:184 Resp: 11
 Ion Ratio Lower Upper
 184 100
 63 277.8 55.4 83.0#
 154 122.2 47.5 71.3#



#56
 4-Nitrophenol
 Concen: 5.019 ng
 RT: 14.67 min Scan# 2003
 Delta R.T. 0.21 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

Tgt Ion:139 Resp: 59
 Ion Ratio Lower Upper
 139 100
 109 85.7 55.2 95.2
 65 114.3 84.7 124.7

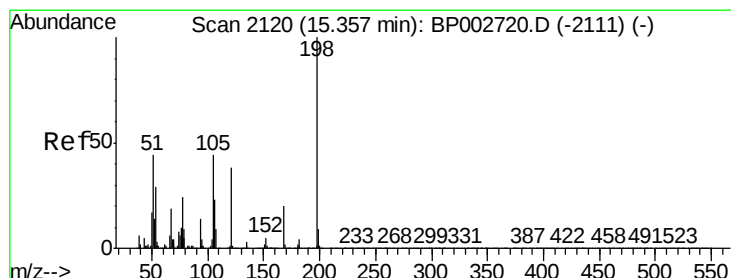
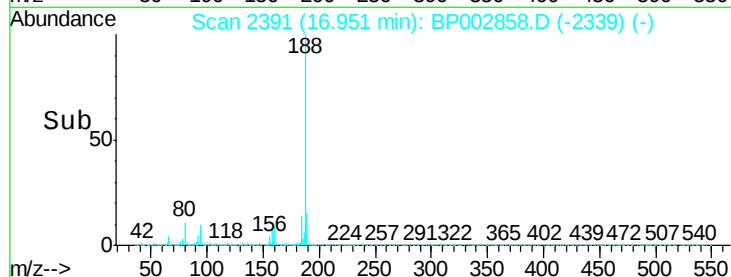
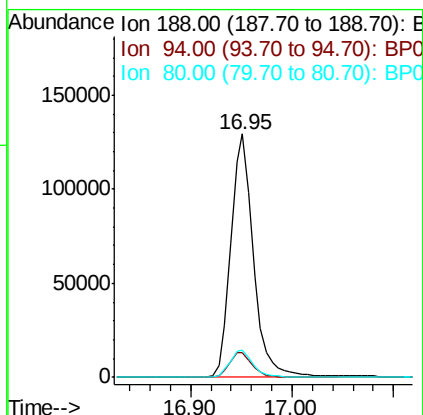
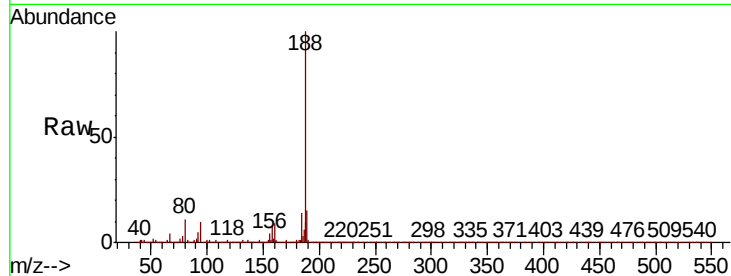




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.95 min Scan# 2391
Delta R.T. 0.01 min
Lab File: BP002858.D
Acq: 24 Jul 2020 17:41

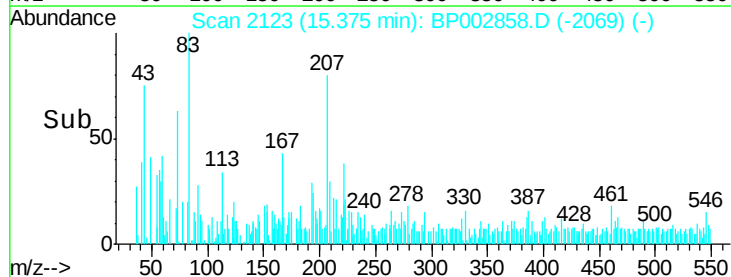
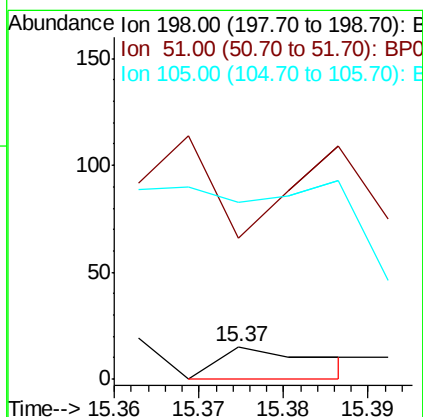
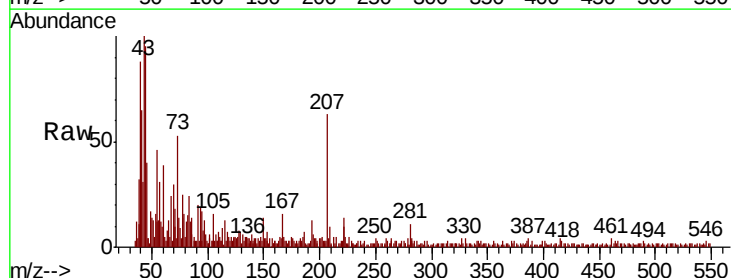
Instrument :
BNA_P
ClientSampleId :
CTR-020

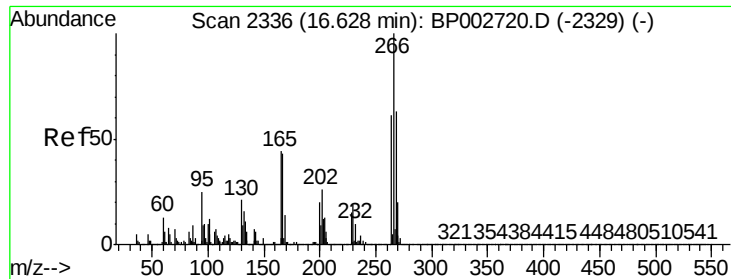
Tot Ion:188 Resp: 201321
Ion Ratio Lower Upper
188 100
94 10.2 8.5 12.7
80 11.4 9.0 13.4



#65
4,6-Dinitro-2-methylphenol
Concen: 5.275 ng
RT: 15.37 min Scan# 2123
Delta R.T. 0.02 min
Lab File: BP002858.D
Acq: 24 Jul 2020 17:41

Tgt Ion:198 Resp: 12
Ion Ratio Lower Upper
198 100
51 440.0 25.1 65.1#
105 553.3 24.6 64.6#

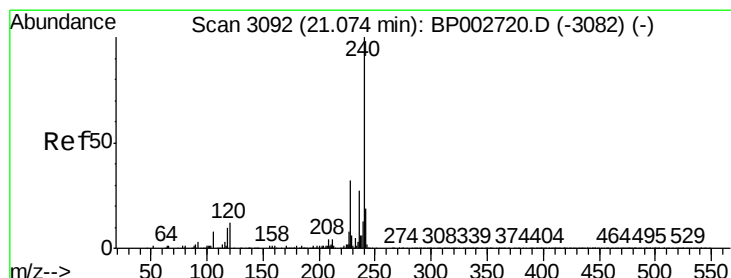
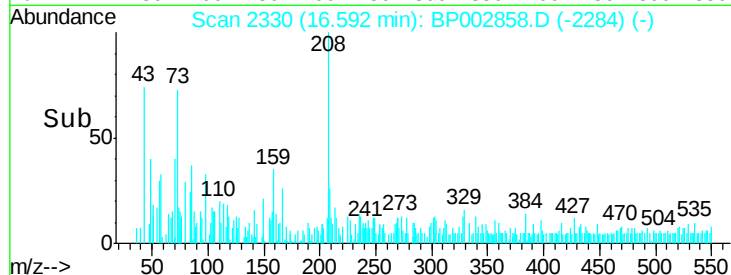
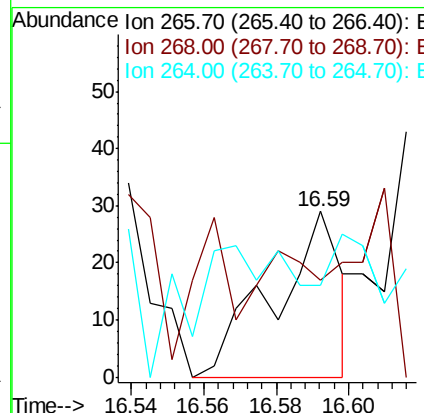
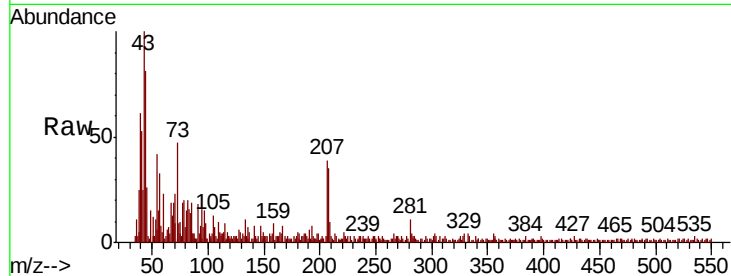




#70
 Pentachlorophenol
 Concen: 7.471 ng
 RT: 16.59 min Scan# 2330
 Delta R.T. -0.03 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

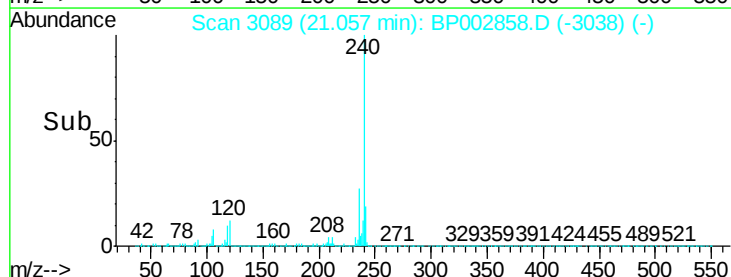
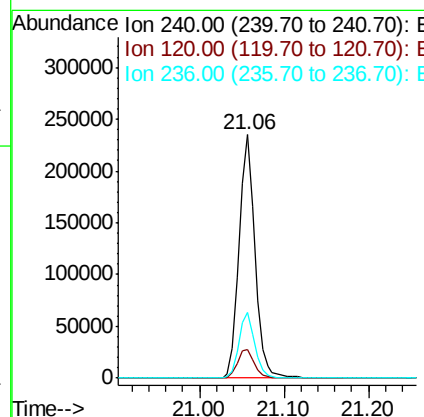
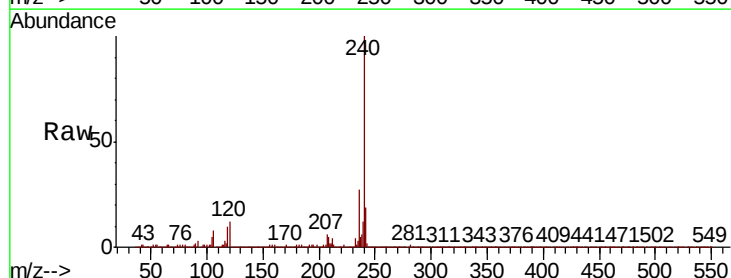
Instrument :
 BNA_P
 ClientSampleId :
 CTR-020

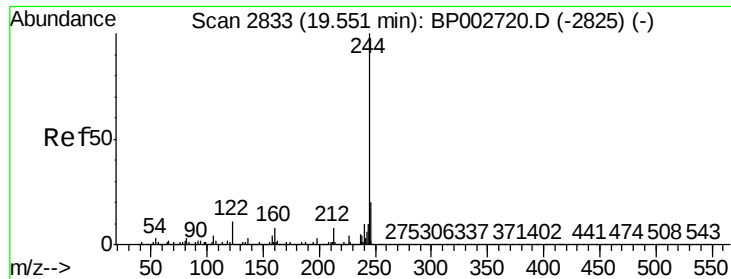
Tot Ion	Ratio	Lower	Upper
266	100		
268	58.6	51.2	76.8
264	55.2	50.2	75.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.06 min Scan# 3089
 Delta R.T. -0.00 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	9.2	13.8
236	26.8	20.3	30.5

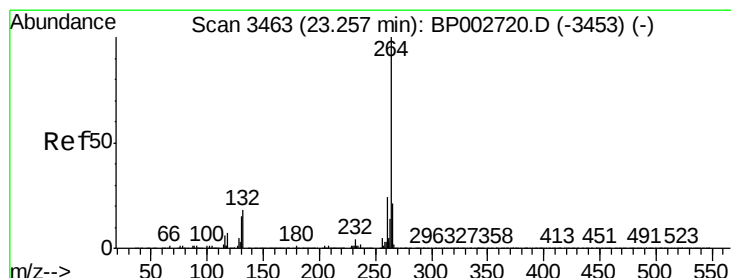
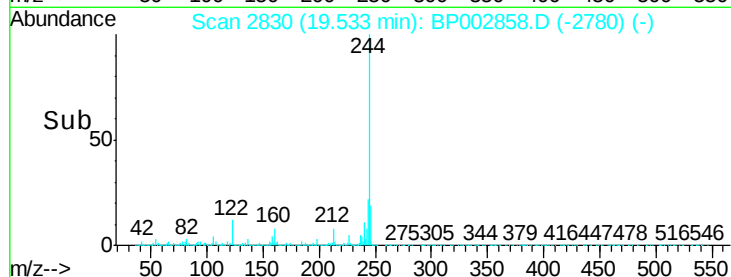
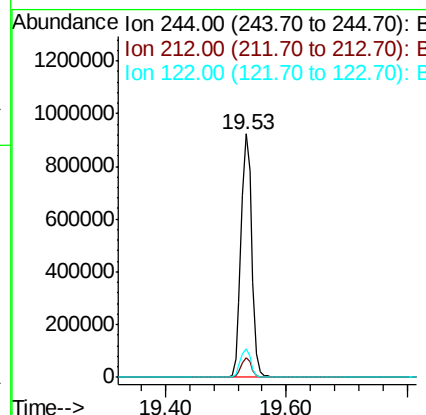
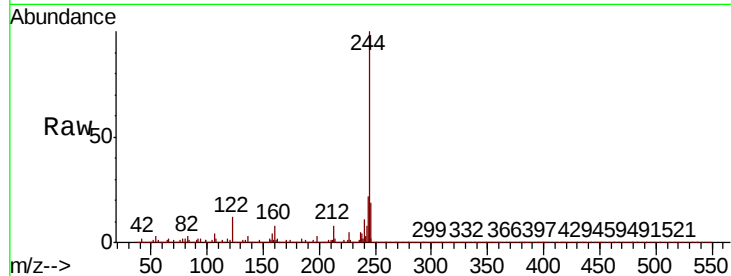




#79
 Terphenyl-d14
 Concen: 87.589 ng
 RT: 19.53 min Scan# 2830
 Delta R.T. -0.01 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

Instrument :
 BNA_P
 ClientSampleId :
 CTR-020

Tot Ion:244 Resp: 1153313
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.8
 122 11.5 7.9 11.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.23 min Scan# 3459
 Delta R.T. -0.00 min
 Lab File: BP002858.D
 Acq: 24 Jul 2020 17:41

Tgt Ion:264 Resp: 372569
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.6 29.4
 265 22.0 16.7 25.1

