

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
 Data File : BP002786.D
 Acq On : 17 Jul 2020 11:48
 Operator : CG/JU
 Sample : L3308-19
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 17 12:27:13 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

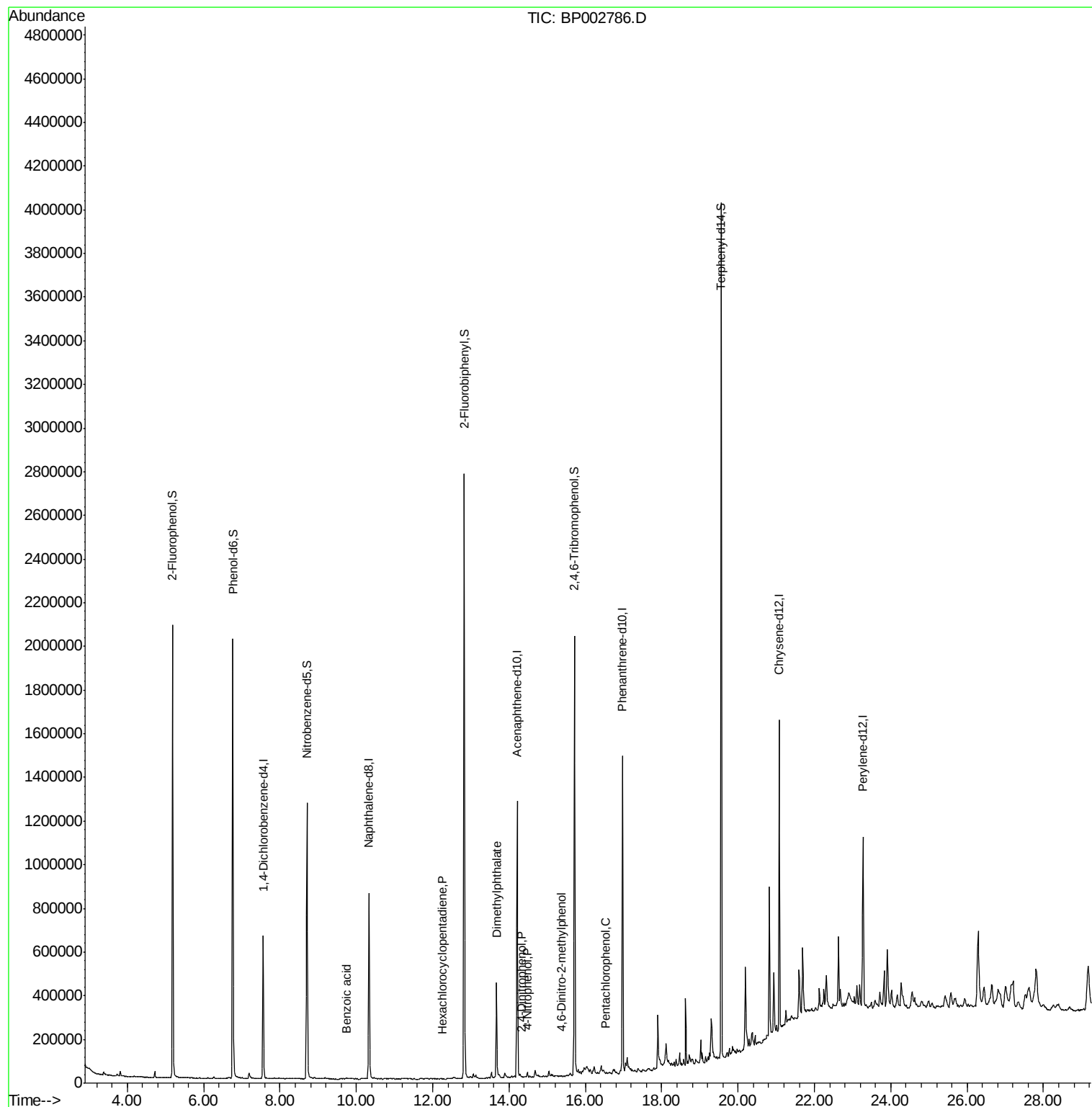
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	170628	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	708578	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	429471	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	873921	20.00	ng	0.00
76) Chrysene-d12	21.08	240	646784	20.00	ng	0.00
86) Perylene-d12	23.27	264	536168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	914541	90.43	ng	0.00
7) Phenol-d6	6.76	99	1229185	85.16	ng	0.00
23) Nitrobenzene-d5	8.70	82	762794	57.58	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	380387	84.85	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1497033	53.92	ng	0.00
79) Terphenyl-d14	19.56	244	1678133	59.49	ng	0.00
Target Compounds						
32) Benzoic acid	9.76	122	179	7.082	ng	85
41) Hexachlorocyclopentadiene	12.26	237	12	7.436	ng	79
50) Dimethylphthalate	13.67	163	290998	8.885	ng	99
54) 2,4-Dinitrophenol	14.34	184	29	11.380	ng	# 1
56) 4-Nitrophenol	14.46	139	88	4.985	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.36	198	16	5.269	ng	# 1
70) Pentachlorophenol	16.52	266	96	7.459	ng	89

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

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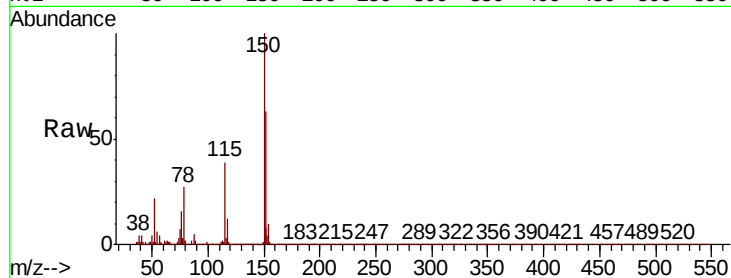


#1

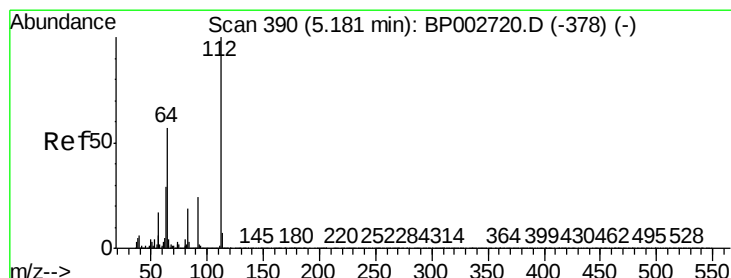
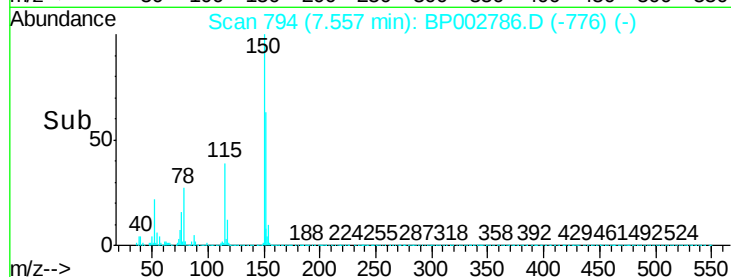
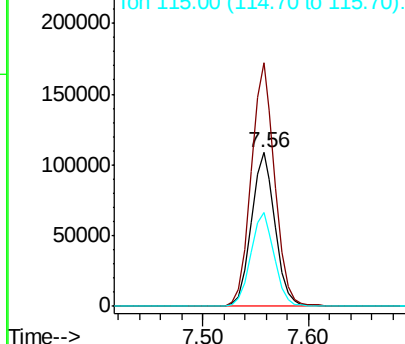
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.3	123.7	185.5
115	61.1	47.2	70.8



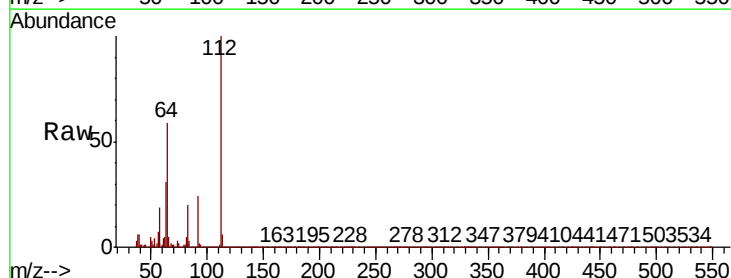
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



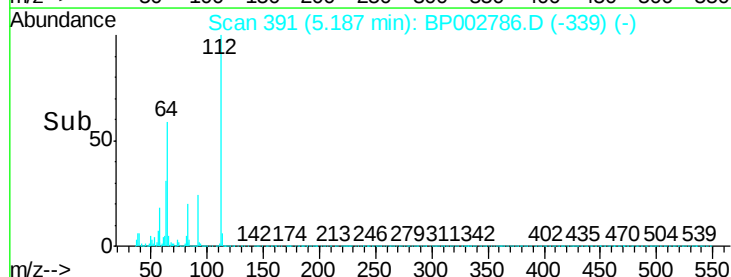
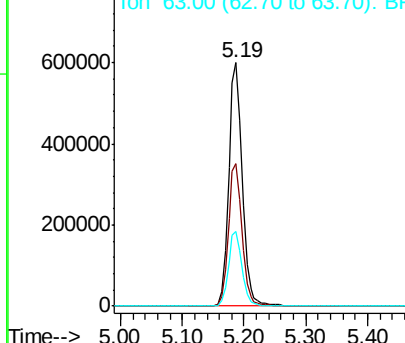
#5

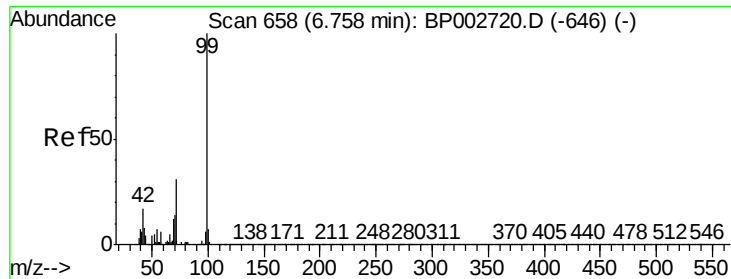
2-Fluorophenol
Concen: 90.431 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.6	68.4
63	30.9	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: 85.164 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002786.D

Acq: 17 Jul 2020 11:48

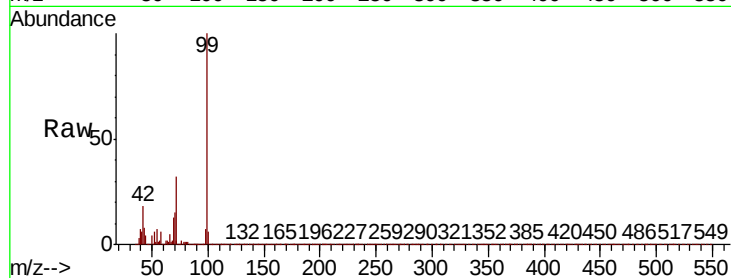
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1229185

Ion	Ratio	Lower	Upper
99	100		
42	17.5	13.4	20.2
71	32.1	24.6	36.8

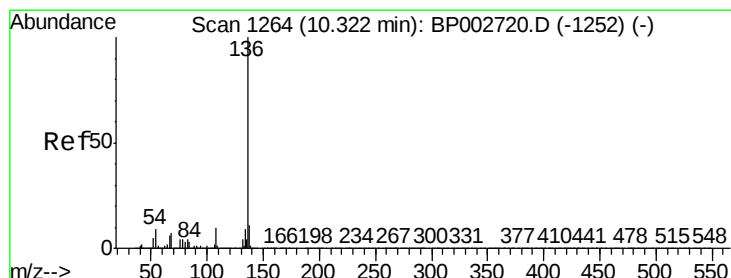
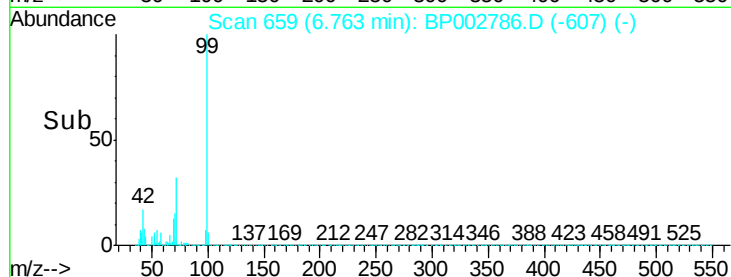
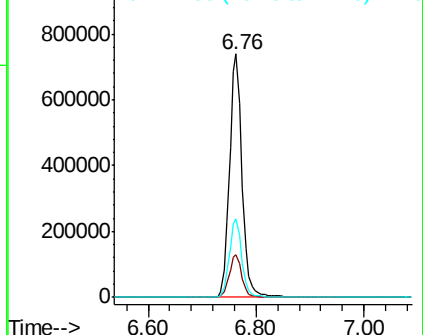


Abundance

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: 10.33 min Scan# 1265

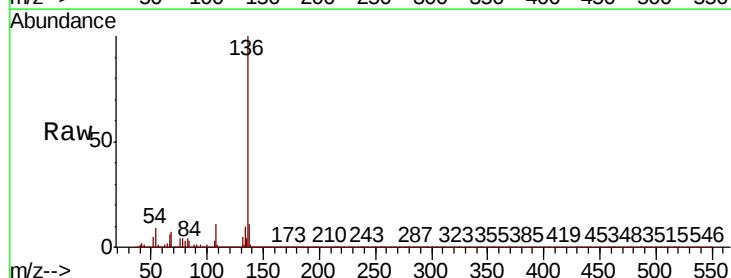
Delta R.T. 0.00 min

Lab File: BP002786.D

Acq: 17 Jul 2020 11:48

Tgt Ion: 136 Resp: 708578

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.9	6.9	10.3
68	7.4	5.7	8.5



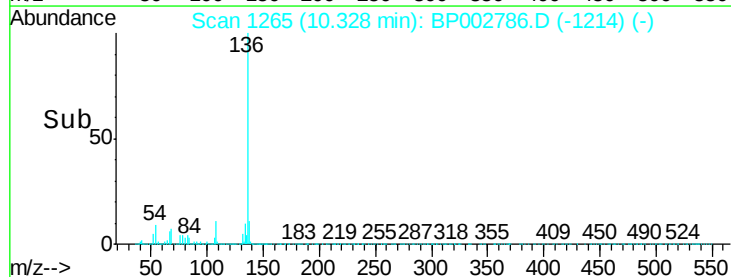
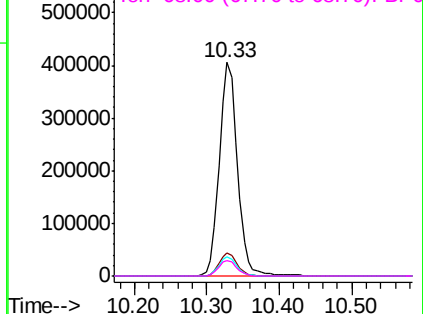
Abundance

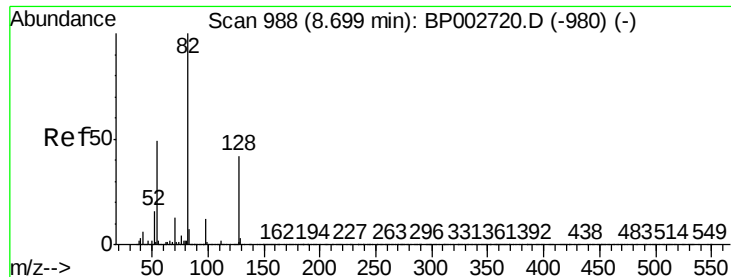
Ion 136.00 (135.70 to 136.70): E

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

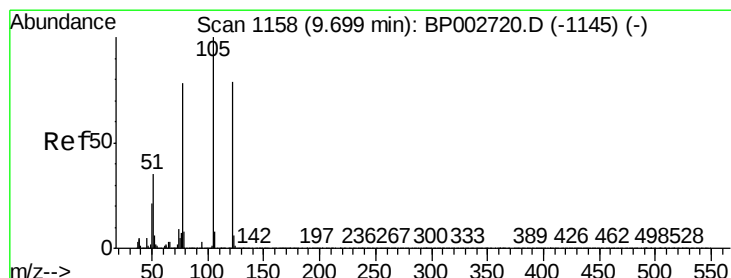
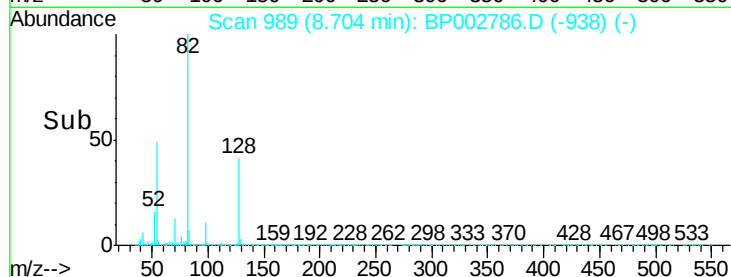
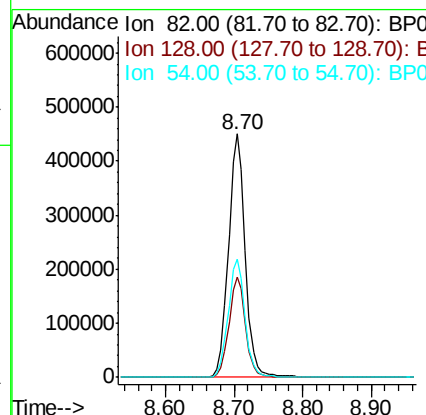
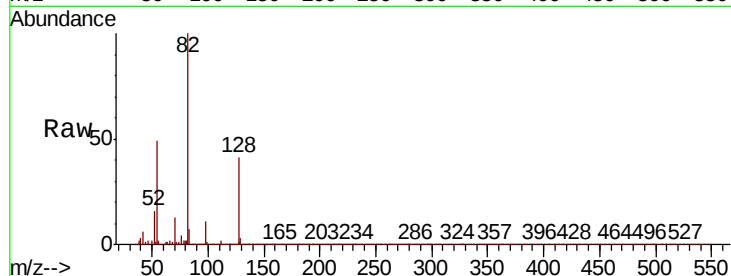




#23
Nitrobenzene-d5
Concen: 57.576 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

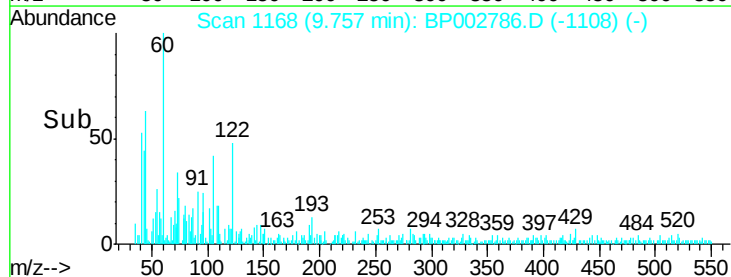
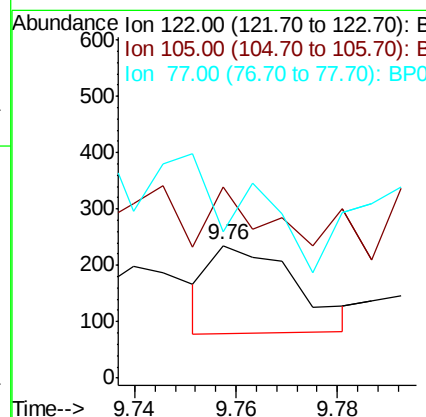
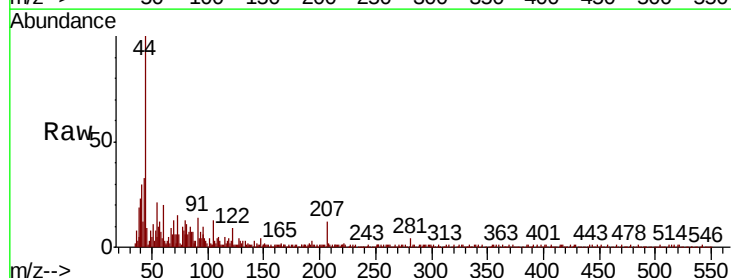
Instrument :
BNA_P
ClientSampleId :

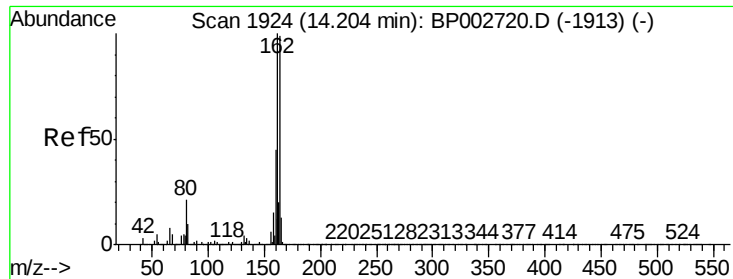
Tot Ion	82	Resp	762794
Ion Ratio	Lower	Upper	
82	100		
128	41.0	33.8	50.8
54	48.6	38.8	58.2



#32
Benzoic acid
Concen: 7.082 ng
RT: 9.76 min Scan# 1168
Delta R.T. 0.05 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

Tgt Ion	122	Resp	179
Ion Ratio	Lower	Upper	
122	100		
105	144.7	105.4	145.4
77	110.6	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: BP002786.D

Acq: 17 Jul 2020 11:48

Instrument :

BNA_P

ClientSampleId :

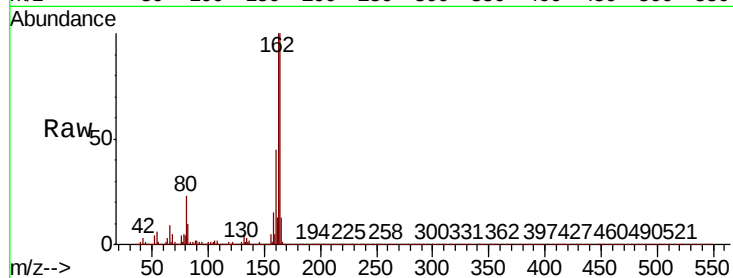
Tot Ion:164 Resp: 429471

Ion Ratio Lower Upper

164 100

162 99.8 80.6 121.0

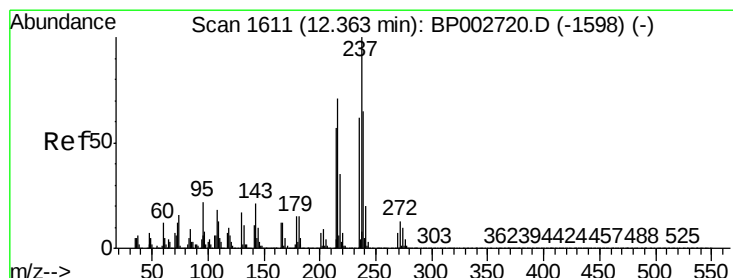
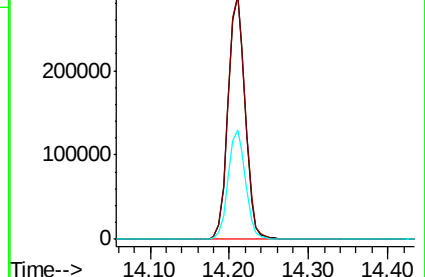
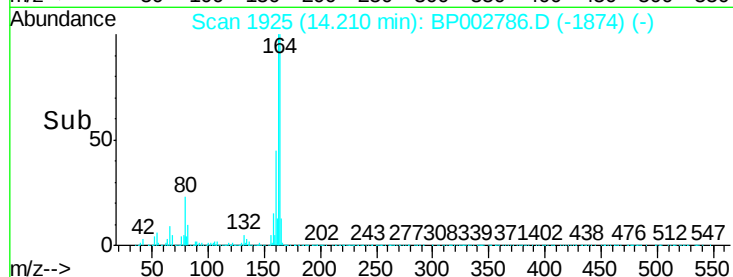
160 45.1 36.4 54.6



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: 7.436 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.11 min

Lab File: BP002786.D

Acq: 17 Jul 2020 11:48

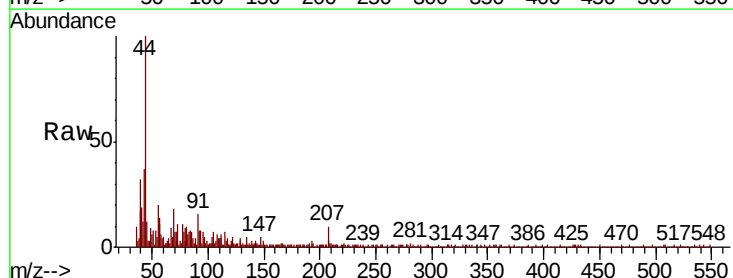
Tgt Ion:237 Resp: 12

Ion Ratio Lower Upper

237 100

235 47.6 42.3 82.3

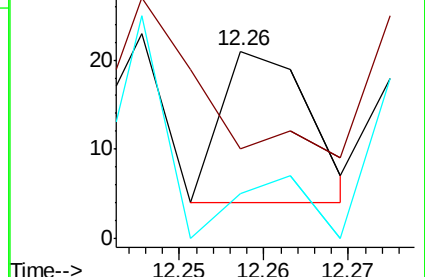
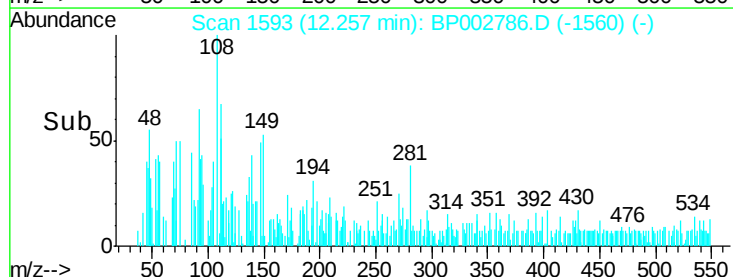
272 23.8 0.0 32.5

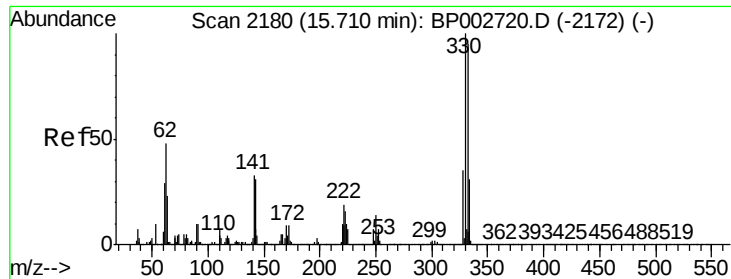


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

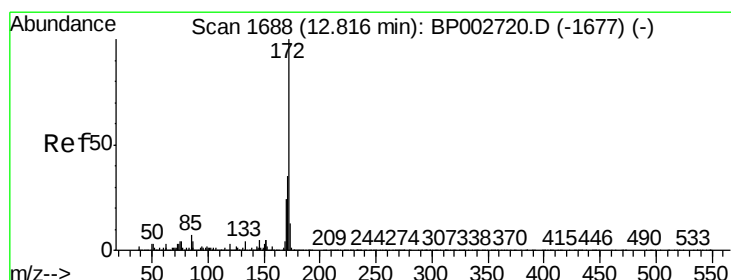
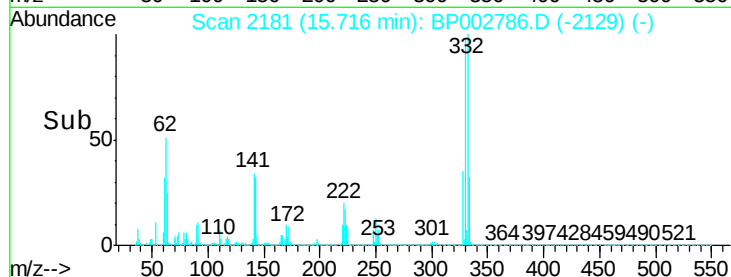
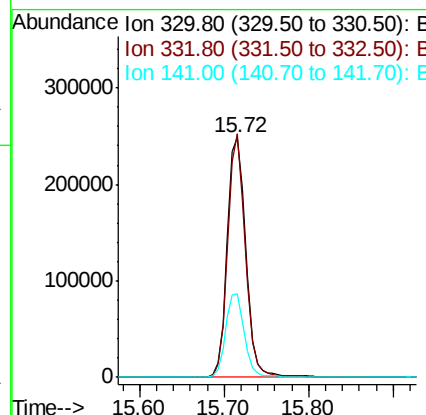
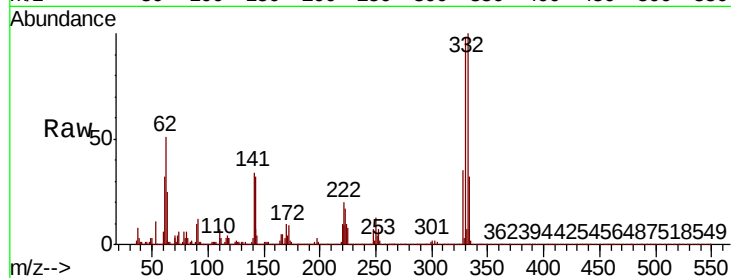




#42
 2,4,6-Tribromophenol
 Concen: 84.851 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BP002786.D
 Acq: 17 Jul 2020 11:48

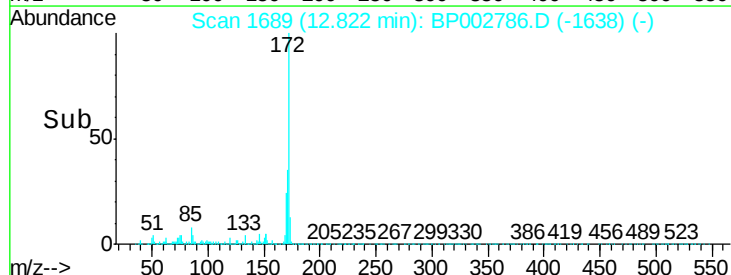
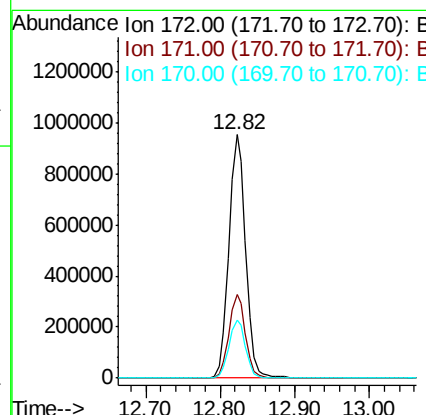
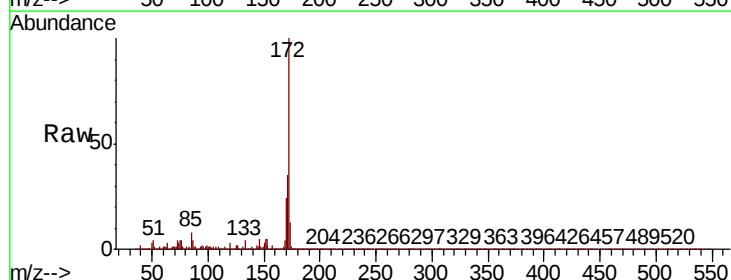
Instrument :
 BNA_P
 ClientSampleId :

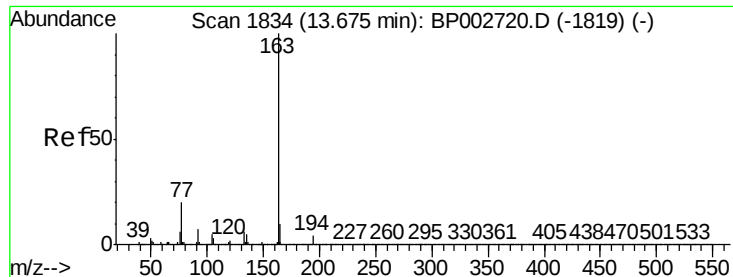
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.5	114.7
141	35.5	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 53.924 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP002786.D
 Acq: 17 Jul 2020 11:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.1	42.1
170	24.0	19.3	28.9

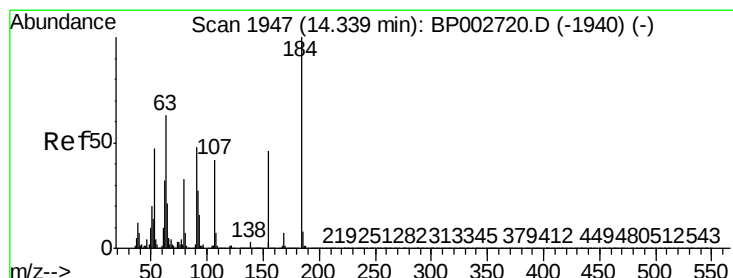
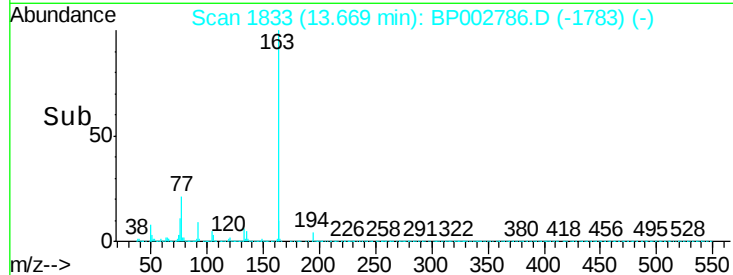
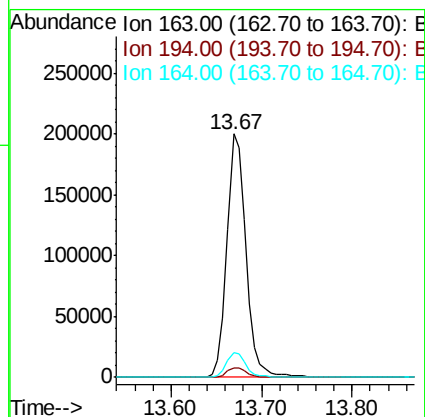
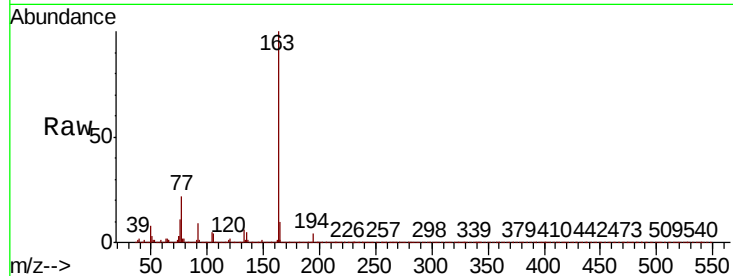




#50
Dimethylphthalate
Concen: 8.885 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

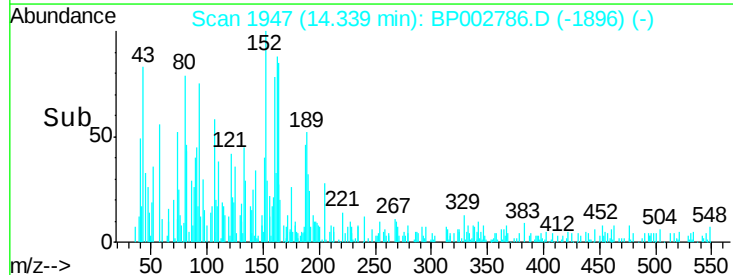
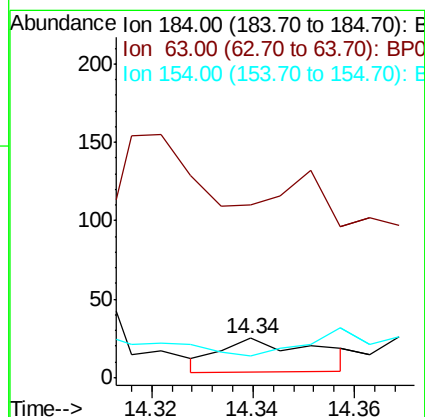
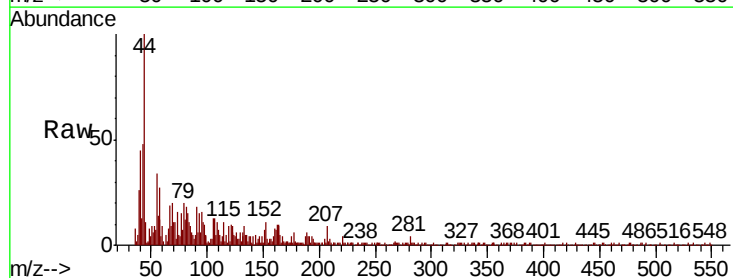
Instrument :
BNA_P
ClientSampled :

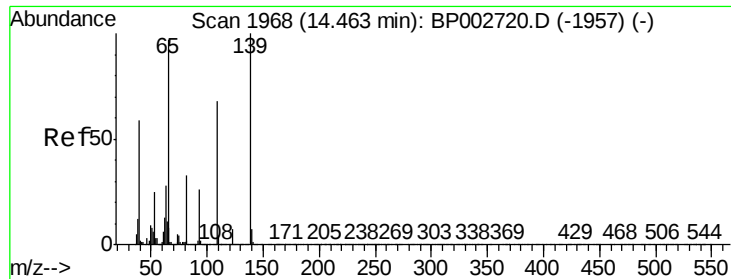
Tot Ion:163 Resp: 290998
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.0 7.8 11.8



#54
2,4-Dinitrophenol
Concen: 11.380 ng
RT: 14.34 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

Tgt Ion:184 Resp: 29
Ion Ratio Lower Upper
184 100
63 440.0 51.6 77.4#
154 56.0 45.0 67.6

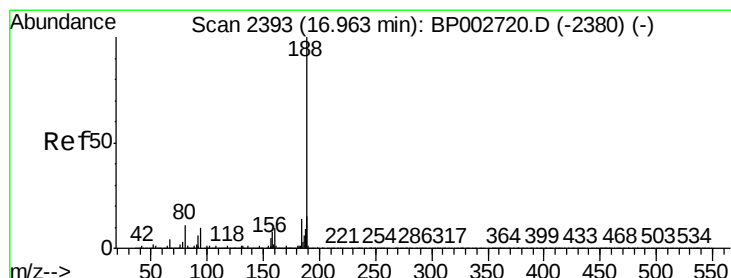
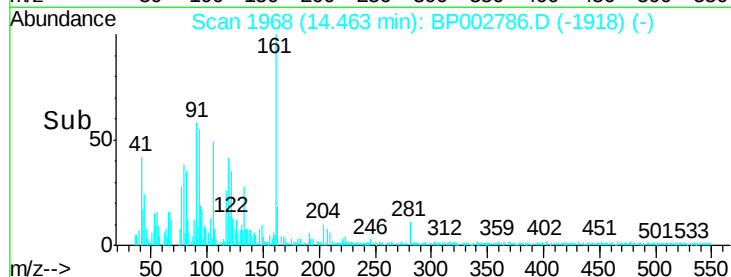
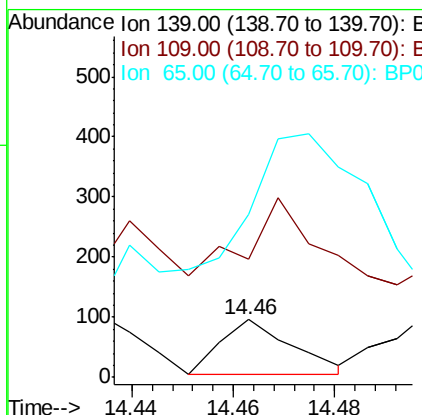
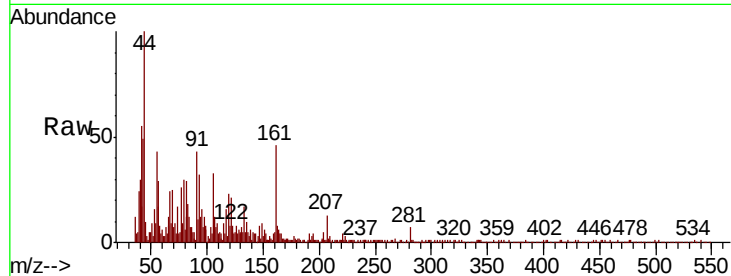




#56
4-Nitrophenol
Concen: 4.985 ng
RT: 14.46 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

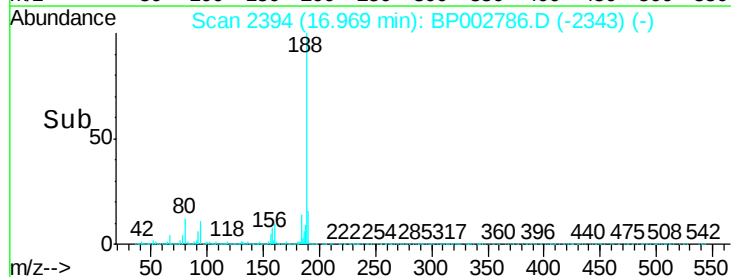
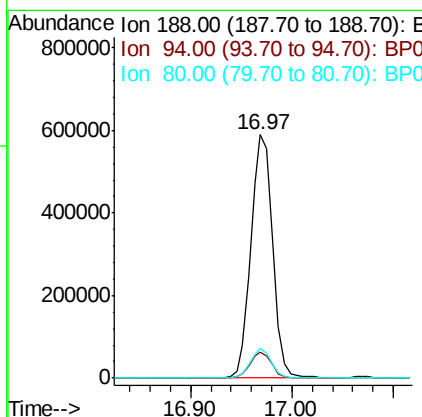
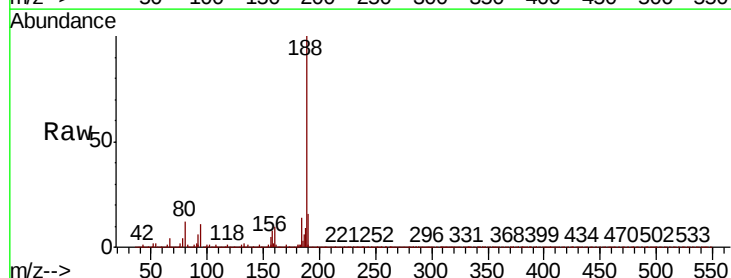
Instrument :
BNA_P
ClientSampled :

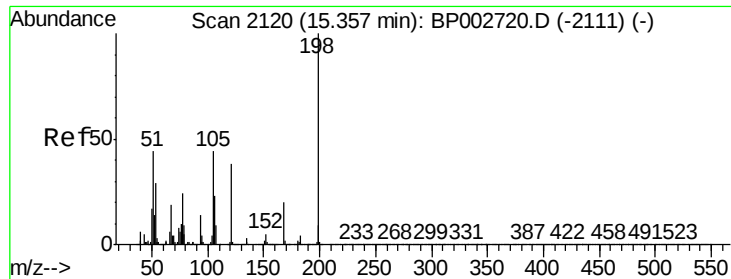
Tot Ion:139 Resp: 88
Ion Ratio Lower Upper
139 100
109 164.2 48.1 88.1#
65 226.7 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

Tgt Ion:188 Resp: 873921
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 12.2 8.9 13.3

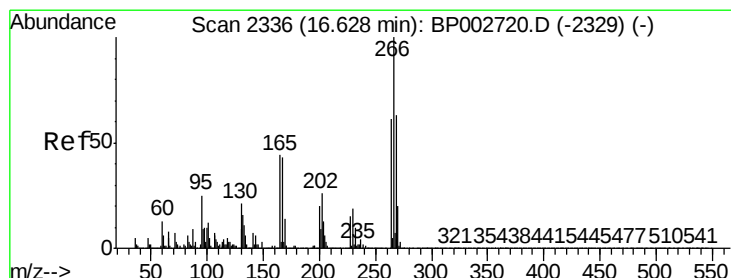
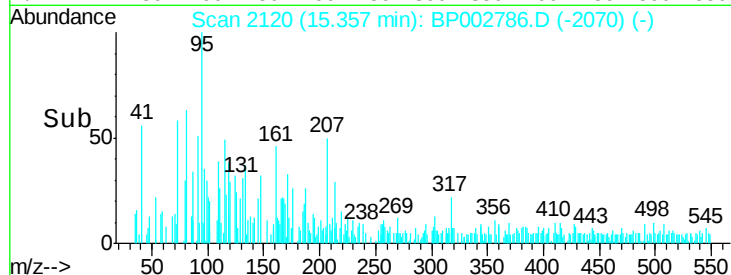
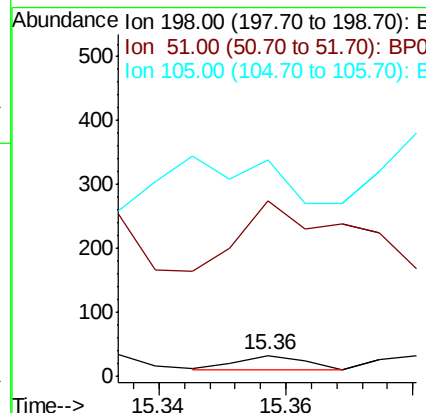
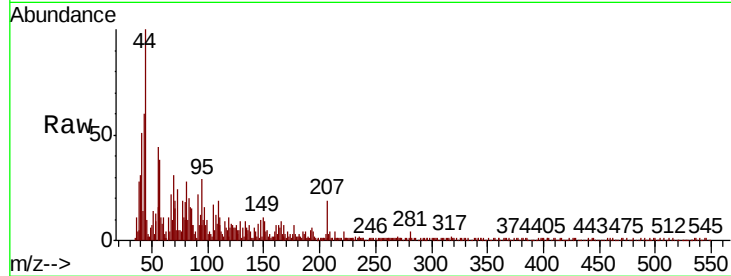




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.269 ng
 RT: 15.36 min Scan# 2120
 Delta R.T. -0.01 min
 Lab File: BP002786.D
 Acq: 17 Jul 2020 11:48

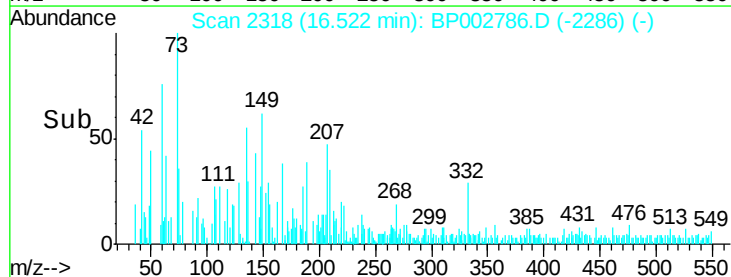
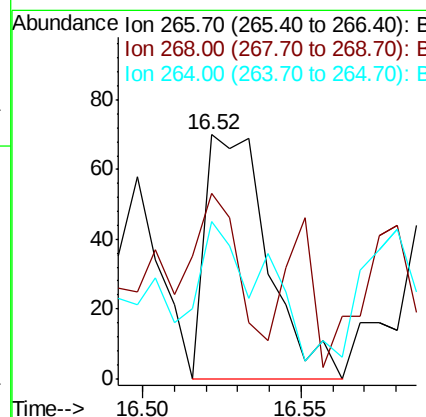
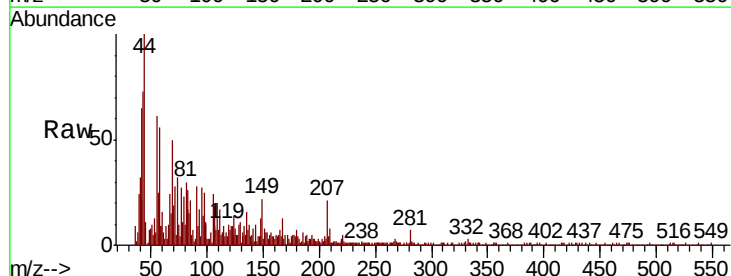
Instrument :
 BNA_P
 ClientSampled :

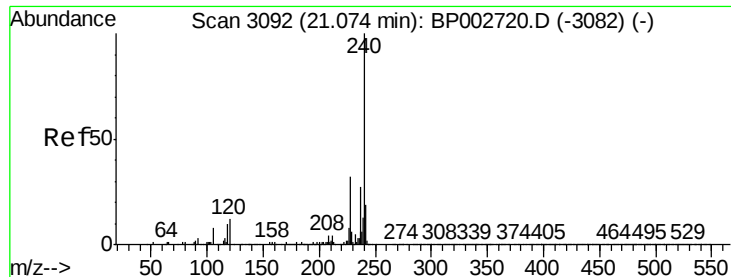
Tot Ion:198 Resp: 16
 Ion Ratio Lower Upper
 198 100
 51 859.4 27.1 67.1#
 105 1059.4 24.9 64.9#



#70
 Pentachlorophenol
 Concen: 7.459 ng
 RT: 16.52 min Scan# 2318
 Delta R.T. -0.11 min
 Lab File: BP002786.D
 Acq: 17 Jul 2020 11:48

Tgt Ion:266 Resp: 96
 Ion Ratio Lower Upper
 266 100
 268 75.7 50.6 75.8
 264 64.3 48.6 72.8

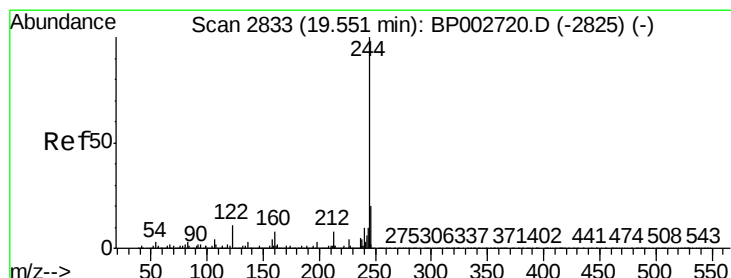
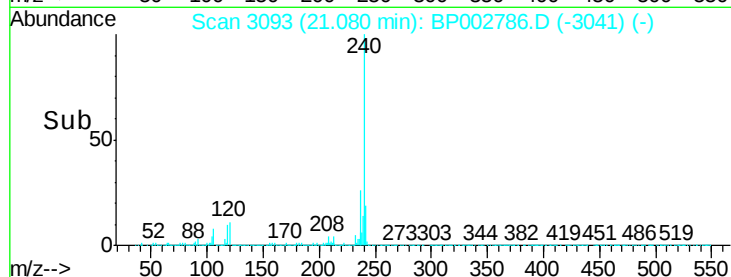
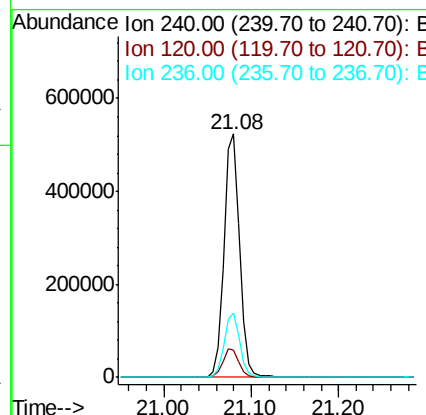
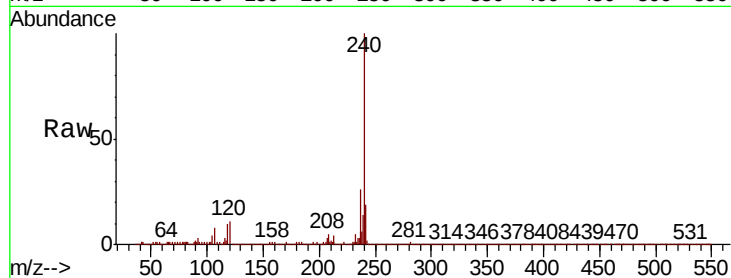




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

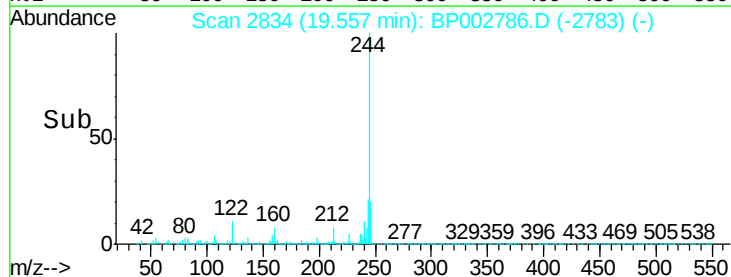
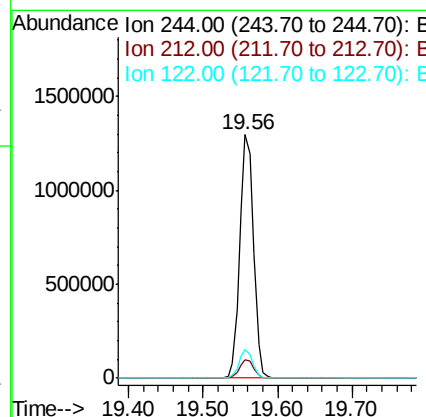
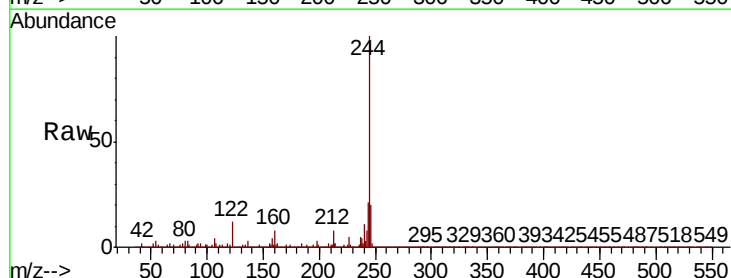
Instrument :
BNA_P
ClientSampleId :

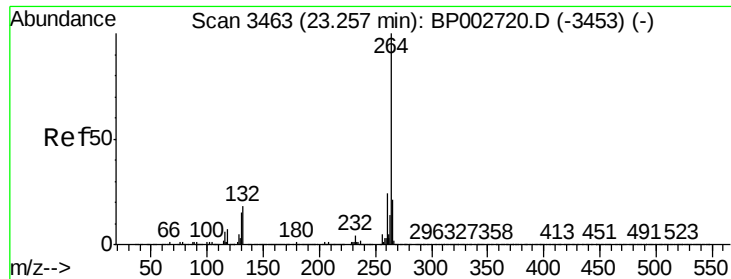
Tot Ion:240 Resp: 646784
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 26.5 21.3 31.9



#79
Terphenyl-d14
Concen: 59.486 ng
RT: 19.56 min Scan# 2834
Delta R.T. 0.00 min
Lab File: BP002786.D
Acq: 17 Jul 2020 11:48

Tgt Ion:244 Resp: 1678133
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 11.5 8.9 13.3

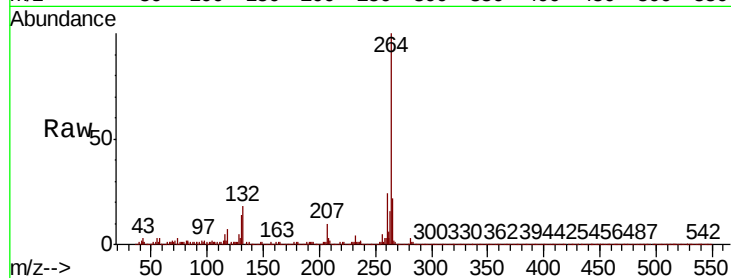




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.27 min Scan# 3465
 Delta R.T. 0.01 min
 Lab File: BP002786.D
 Acq: 17 Jul 2020 11:48

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	22.1	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

