

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
 Data File : BP002789.D
 Acq On : 17 Jul 2020 13:29
 Operator : CG/JU
 Sample : L3308-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 17 14:48:39 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

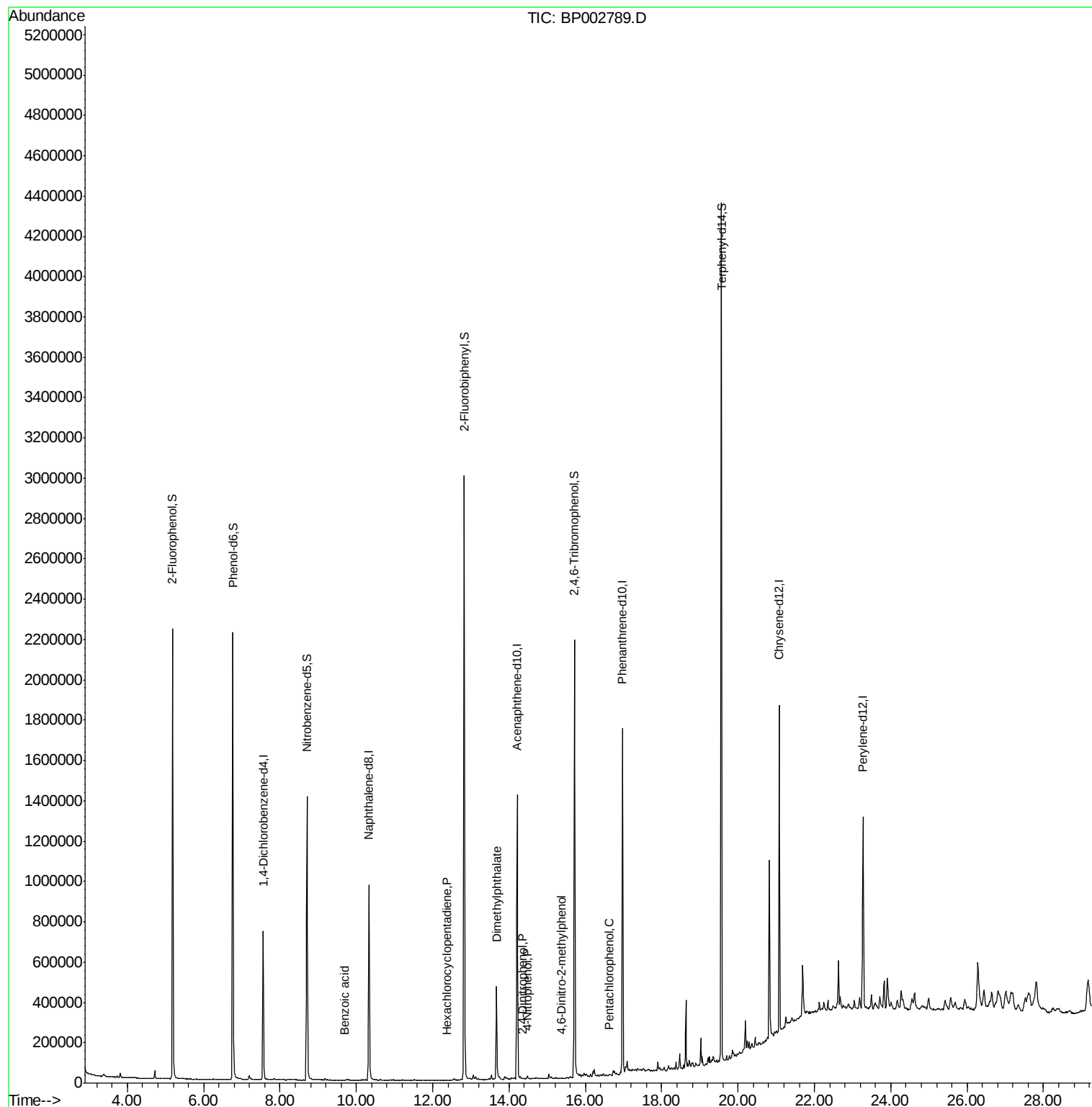
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	192119	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	799523	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	490456	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1008622	20.00	ng	0.00
76) Chrysene-d12	21.08	240	764690	20.00	ng	0.00
86) Perylene-d12	23.27	264	645186	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	985452	86.54	ng	0.00
7) Phenol-d6	6.76	99	1347341	82.91	ng	0.00
23) Nitrobenzene-d5	8.70	82	845585	56.56	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	418231	81.69	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1637764	51.66	ng	0.00
79) Terphenyl-d14	19.56	244	1932689	57.95	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	36	7.066	ng	# 1
41) Hexachlorocyclopentadiene	12.38	237	15	7.436	ng	79
50) Dimethylphthalate	13.67	163	317068	8.477	ng	99
54) 2,4-Dinitrophenol	14.35	184	31	11.380	ng	# 1
56) 4-Nitrophenol	14.47	139	52	4.979	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	13	5.268	ng	# 1
70) Pentachlorophenol	16.63	266	18	7.444	ng	# 75

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

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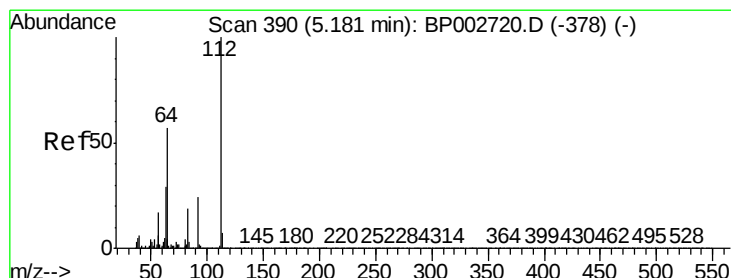
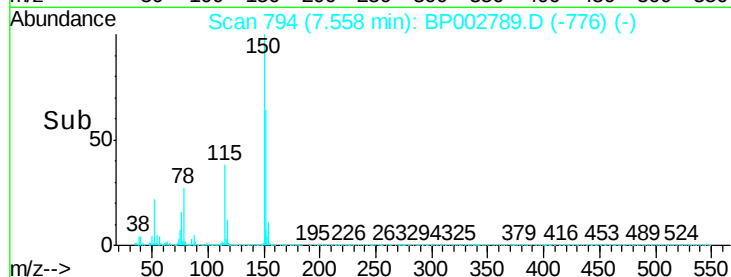
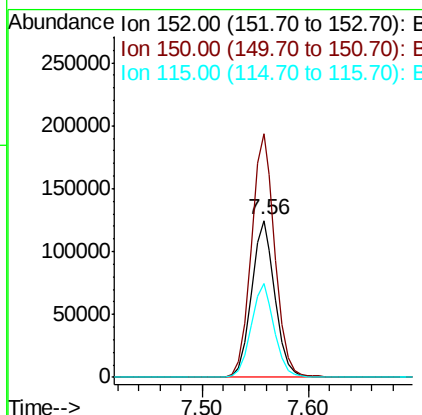
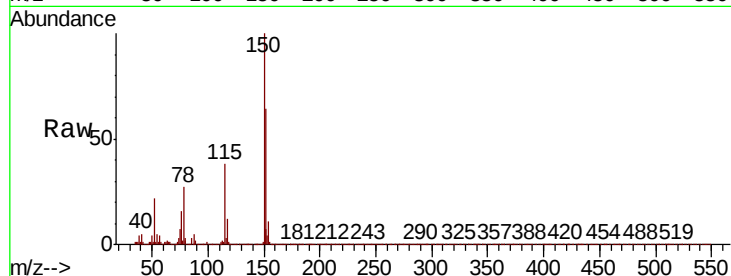


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :

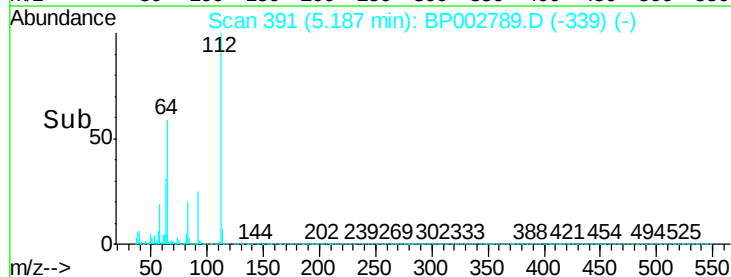
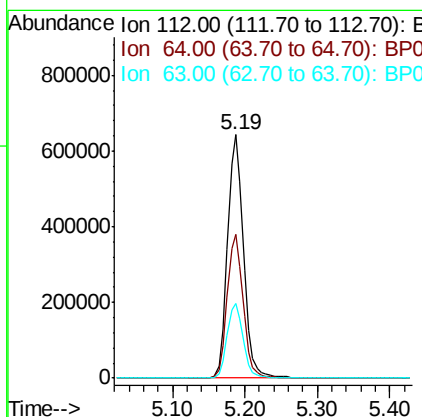
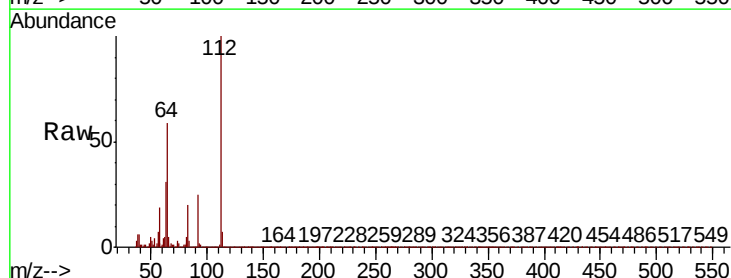
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.7	185.5
115	59.6	47.2	70.8

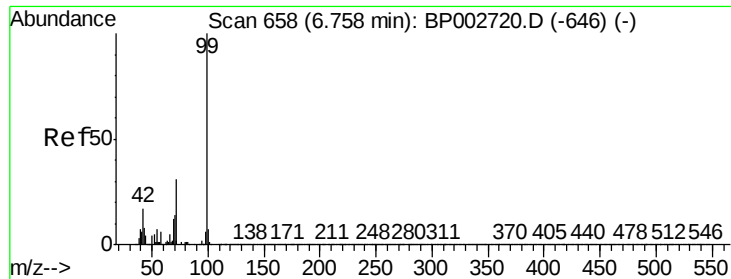


#5

2-Fluorophenol
Concen: 86.542 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.6	68.4
63	30.8	23.5	35.3





#7

Phenol-d6

Concen: 82.908 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002789.D

Acq: 17 Jul 2020 13:29

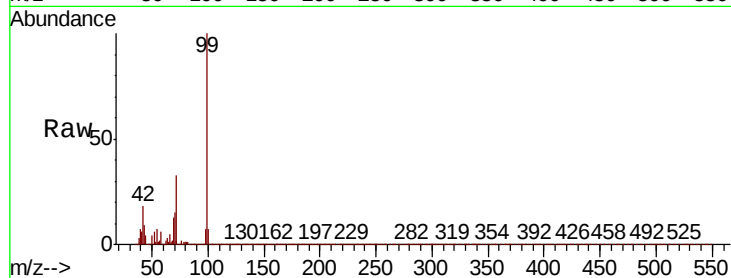
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1347341

Ion	Ratio	Lower	Upper
99	100		
42	18.0	13.4	20.2
71	32.9	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

1000000

800000

600000

400000

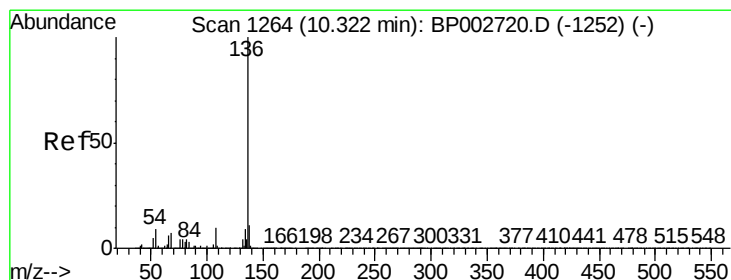
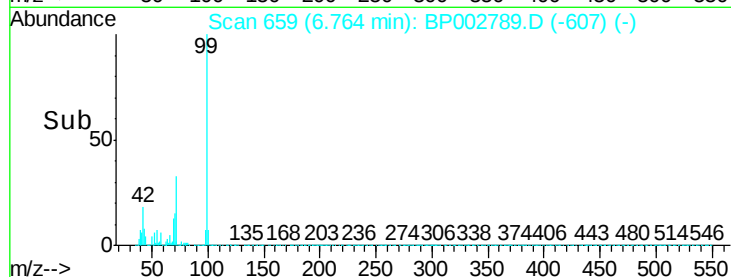
200000

0

6.76

6.60 6.80 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

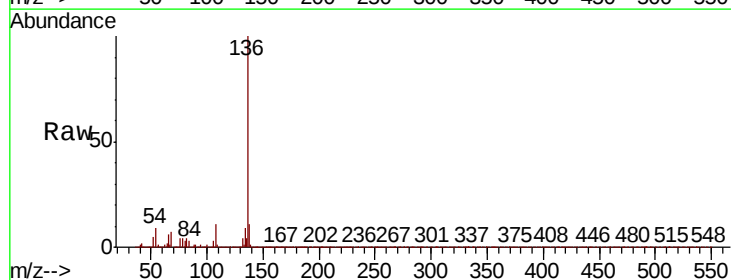
Delta R.T. 0.00 min

Lab File: BP002789.D

Acq: 17 Jul 2020 13:29

Tgt Ion: 136 Resp: 799523

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	8.8	6.9	10.3
68	7.3	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

600000

400000

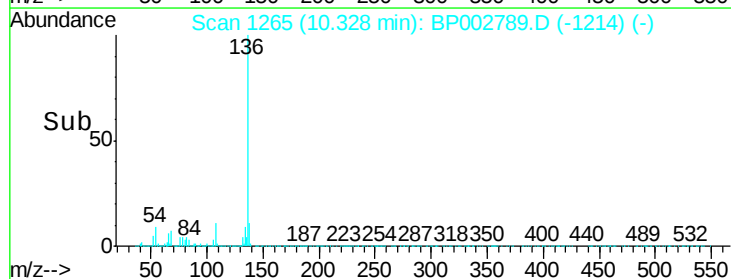
200000

0

10.33

10.20 10.30 10.40 10.50

Time-->

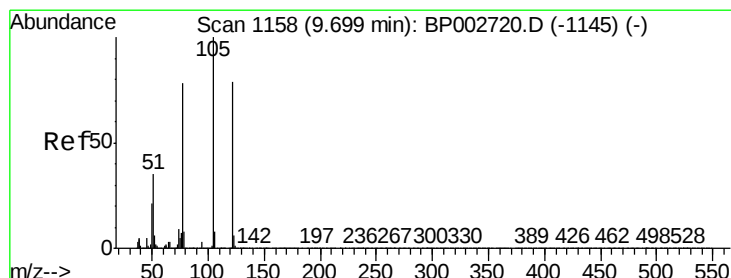
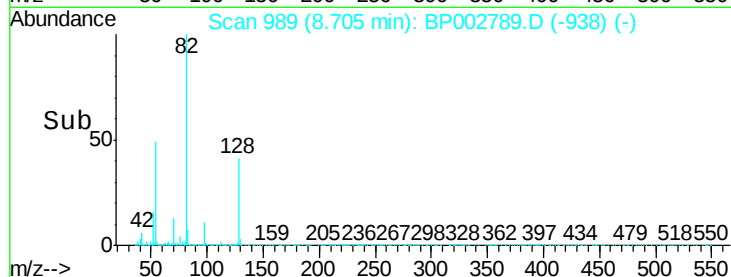
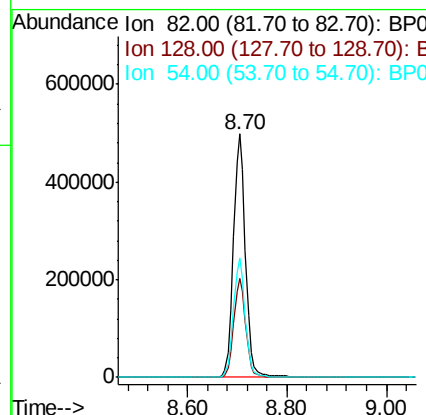
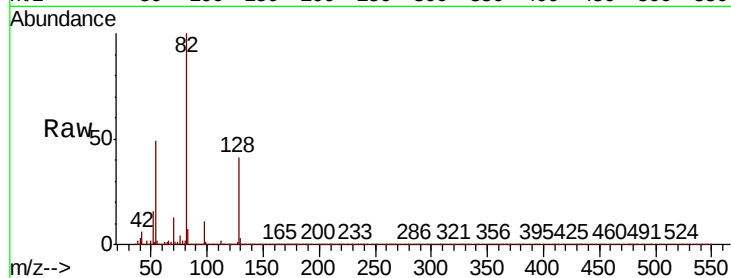




#23
Nitrobenzene-d5
Concen: 56.565 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

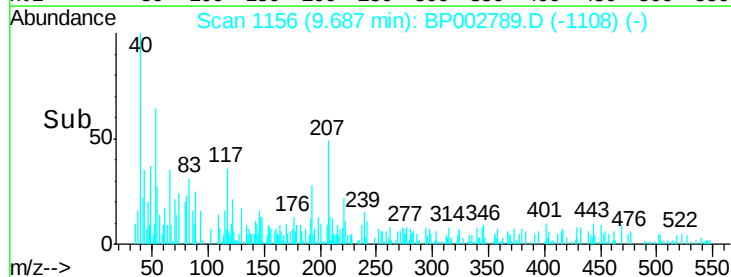
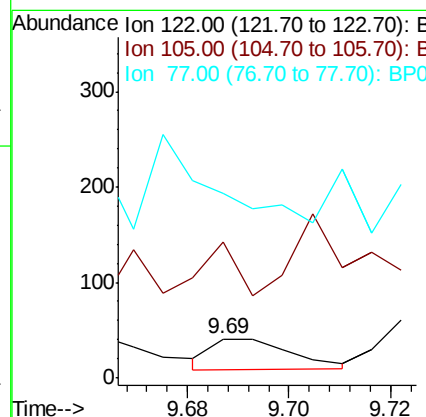
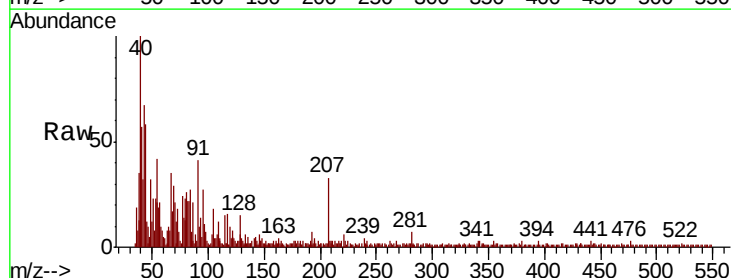
Instrument :
BNA_P
ClientSampleId :

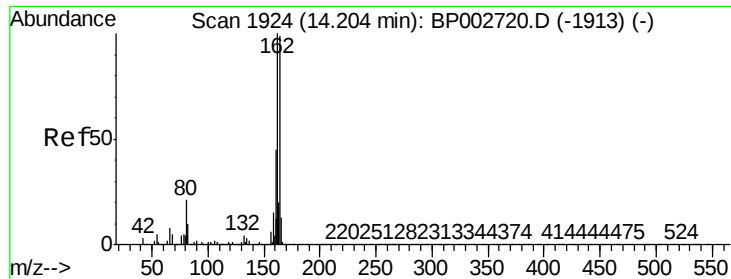
Tot Ion	82	Resp	845585
Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.8	50.8
54	48.8	38.8	58.2



#32
Benzoic acid
Concen: 7.066 ng
RT: 9.69 min Scan# 1156
Delta R.T. -0.02 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Tgt Ion	122	Resp	36
Ion	Ratio	Lower	Upper
122	100		
105	346.3	105.4	145.4#
77	470.7	78.5	118.5#

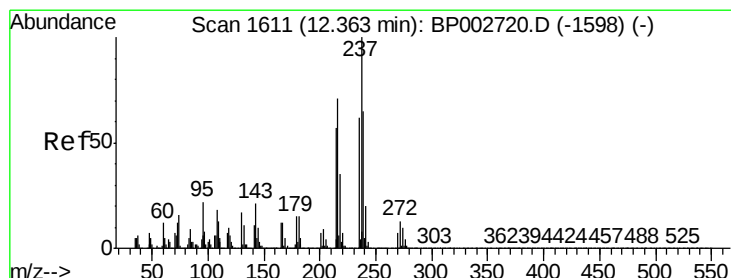
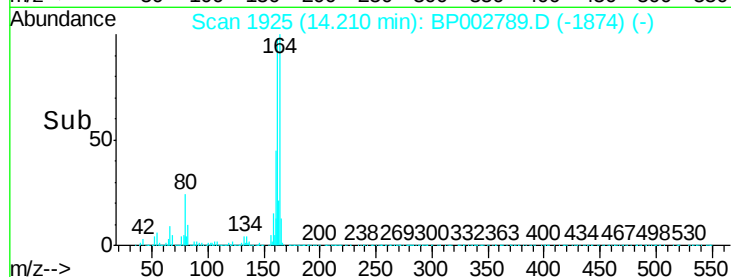
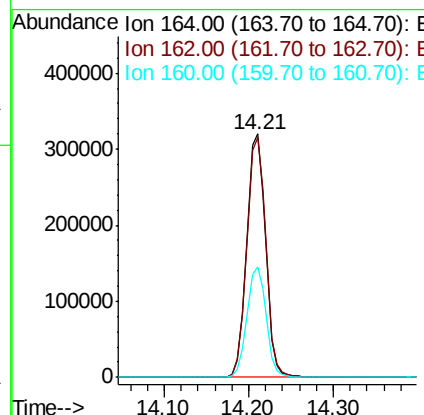
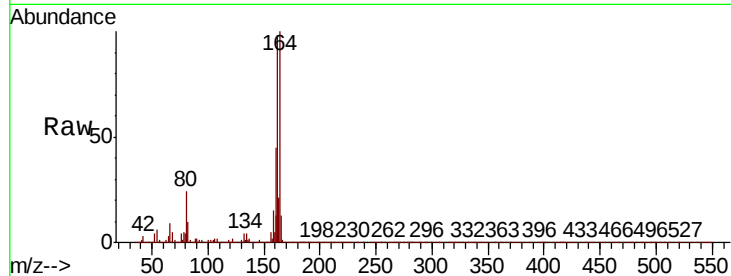




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

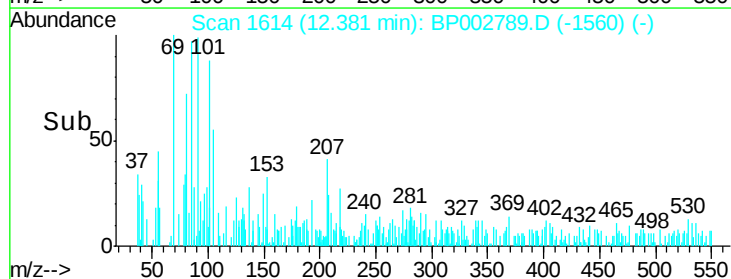
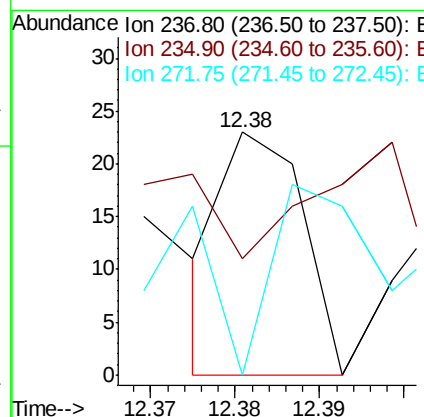
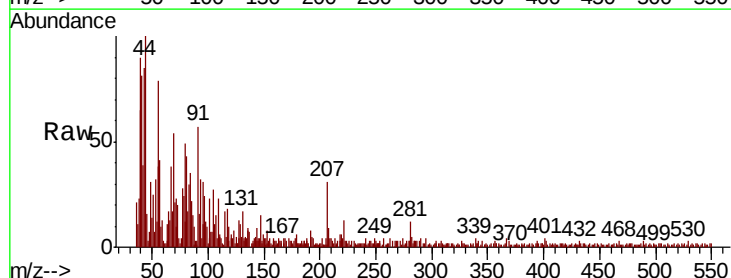
Instrument :
BNA_P
ClientSampleId :

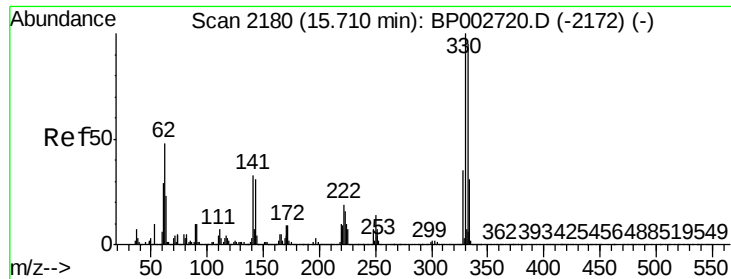
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.6	121.0
160	45.5	36.4	54.6



#41
Hexachlorocyclopentadiene
Concen: 7.436 ng
RT: 12.38 min Scan# 1614
Delta R.T. 0.02 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
237	100		
235	47.8	42.3	82.3
272	0.0	0.0	32.5

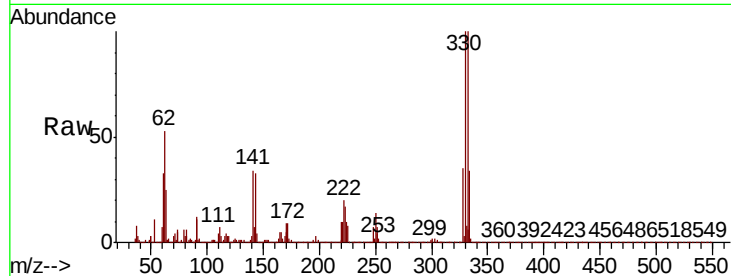




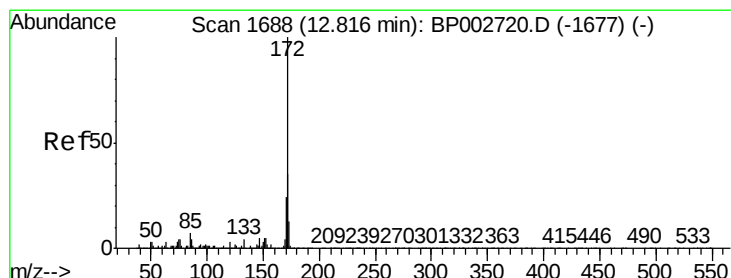
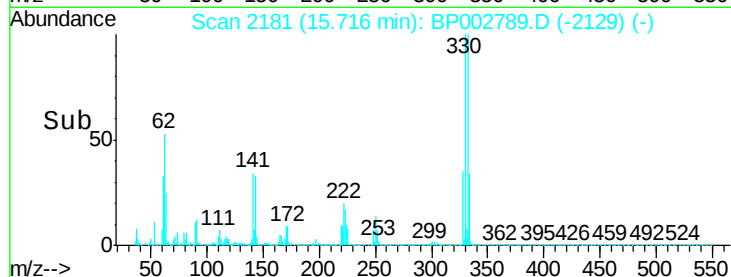
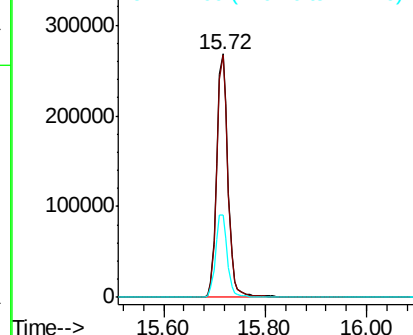
#42
 2,4,6-Tribromophenol
 Concen: 81.692 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BP002789.D
 Acq: 17 Jul 2020 13:29

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion:330 Resp: 418231
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.5 114.7
 141 35.3 28.8 43.2

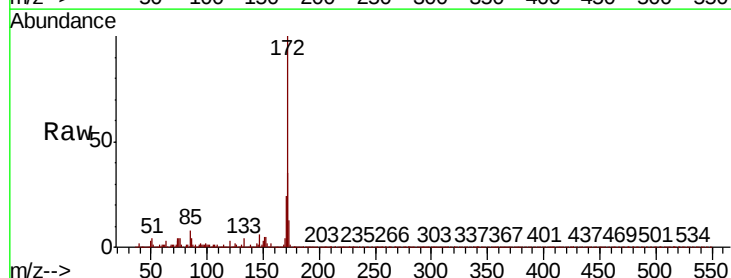


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

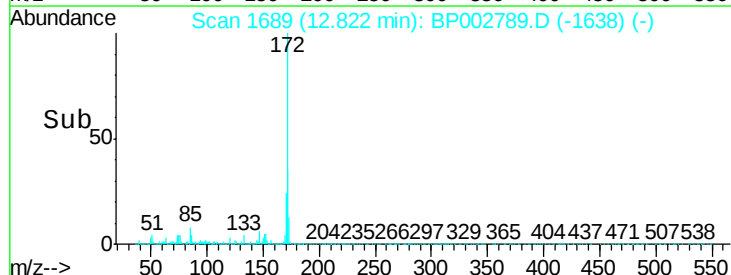
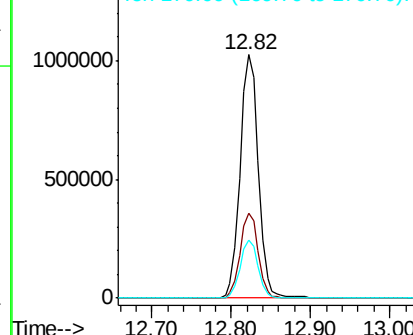


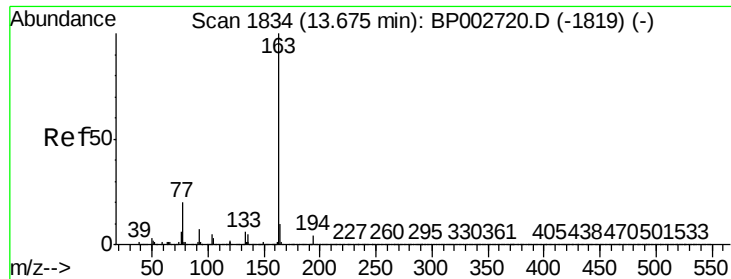
#45
 2-Fluorobiphenyl
 Concen: 51.658 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP002789.D
 Acq: 17 Jul 2020 13:29

Tgt Ion:172 Resp: 1637764
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.1 42.1
 170 23.8 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

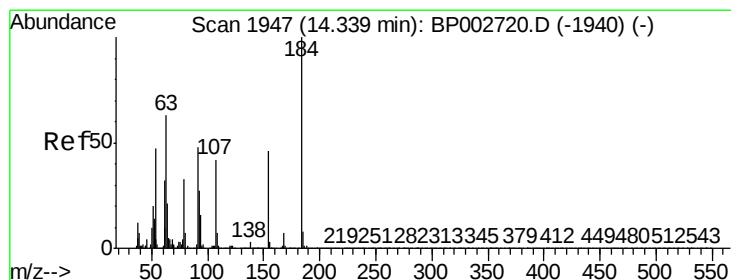
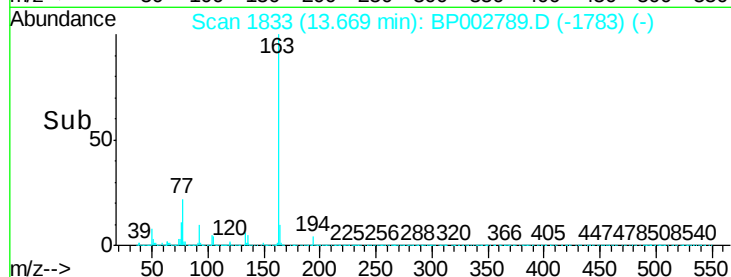
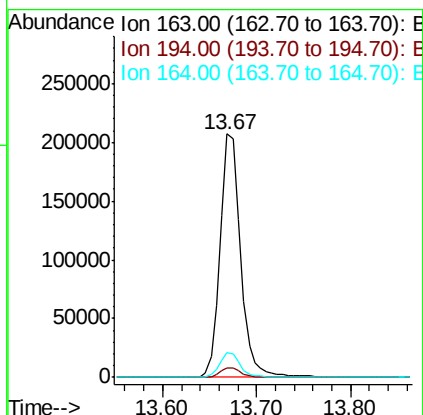
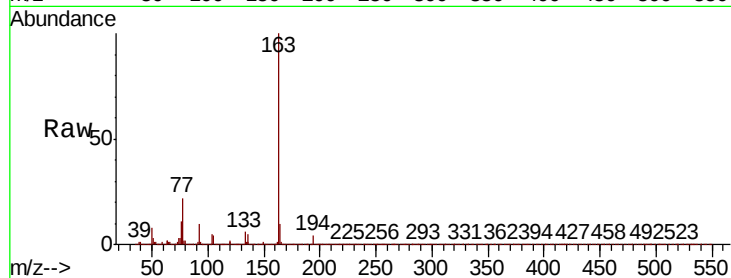




#50
Dimethylphthalate
Concen: 8.477 ng
RT: 13.67 min Scan# 1833
Delta R.T. -0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

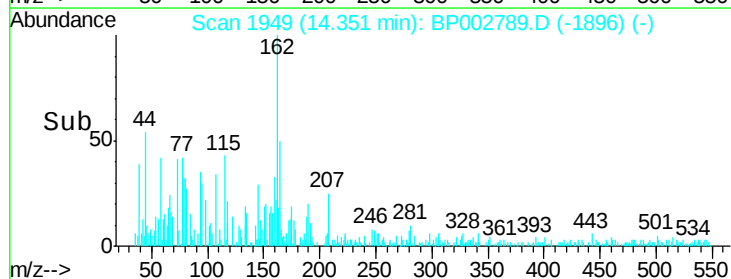
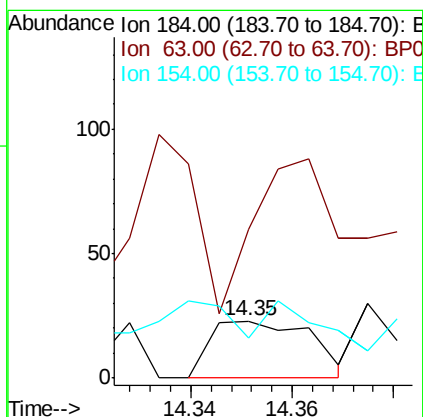
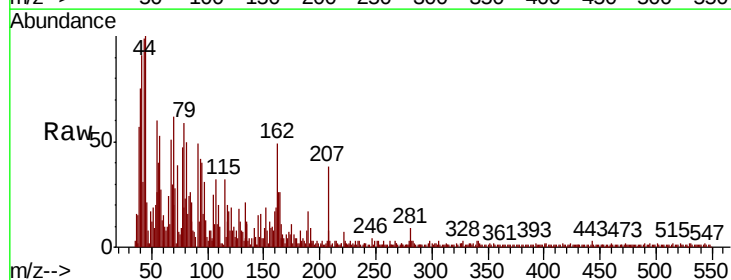
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BNA_P
ClientSampleId :

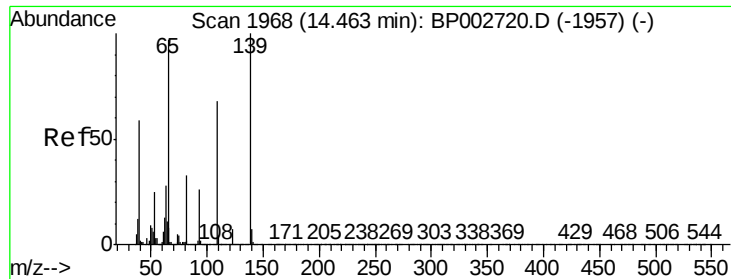
Tot Ion:163 Resp: 317068
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.4 7.8 11.8



#54
2,4-Dinitrophenol
Concen: 11.380 ng
RT: 14.35 min Scan# 1949
Delta R.T. 0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Tgt Ion:184 Resp: 31
Ion Ratio Lower Upper
184 100
63 260.9 51.6 77.4#
154 69.6 45.0 67.6#

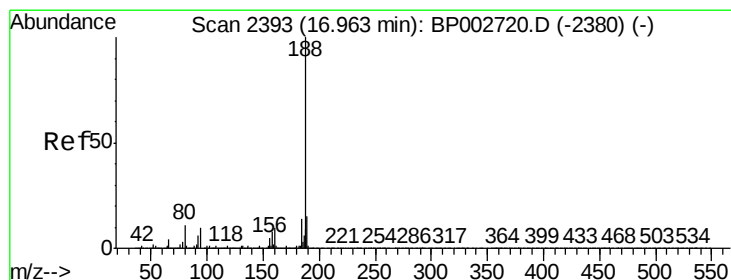
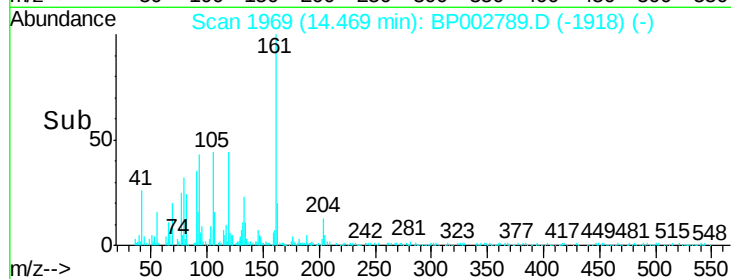
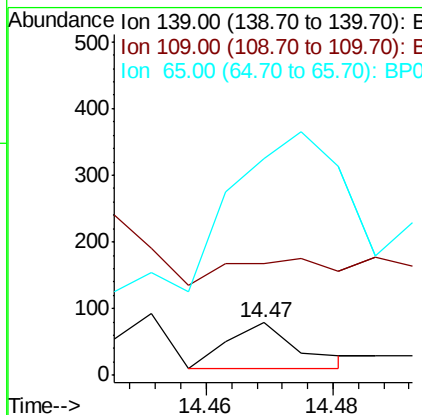
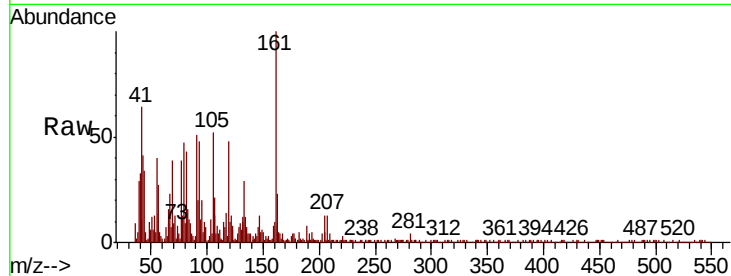




#56
4-Nitrophenol
Concen: 4.979 ng
RT: 14.47 min Scan# 1969
Delta R.T. 0.00 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

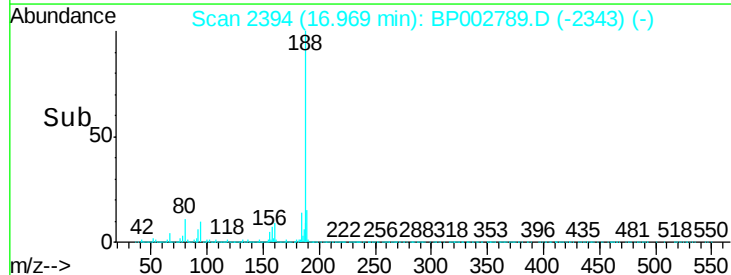
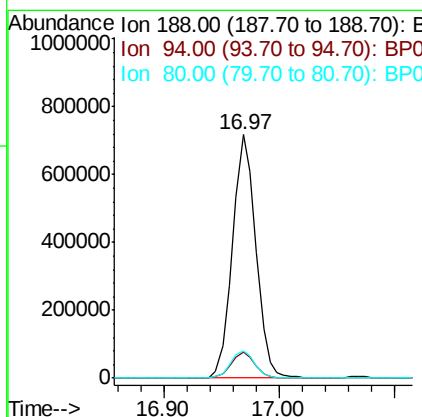
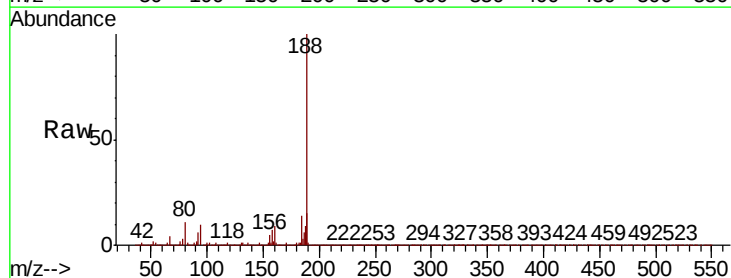
Instrument :
BNA_P
ClientSampled :

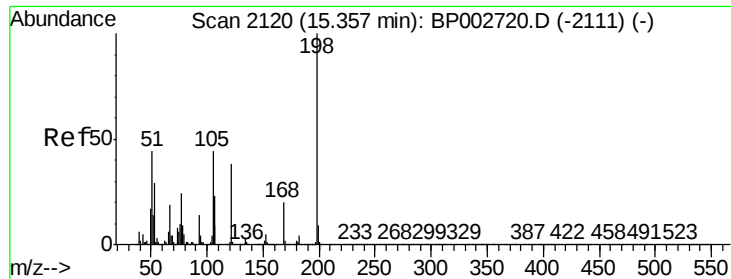
Tot Ion:139 Resp: 52
Ion Ratio Lower Upper
139 100
109 212.7 48.1 88.1#
65 411.4 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Tgt Ion:188 Resp: 1008622
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.1 8.9 13.3

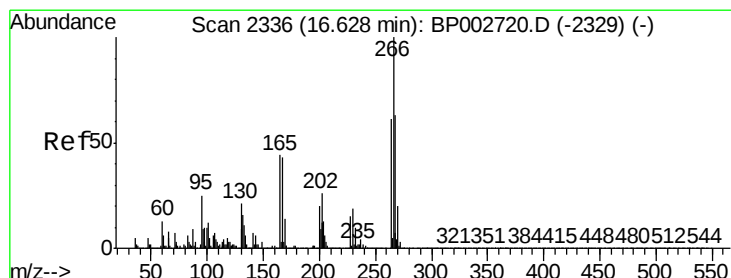
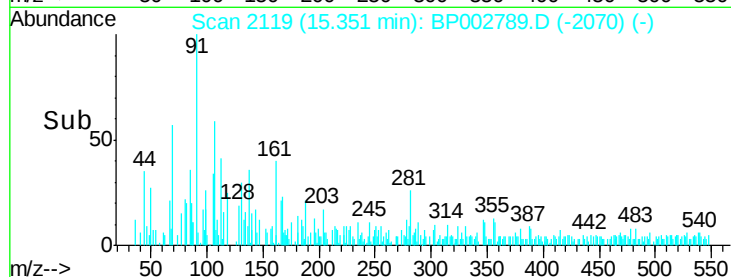
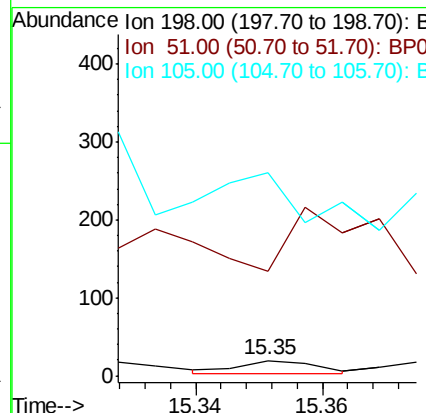
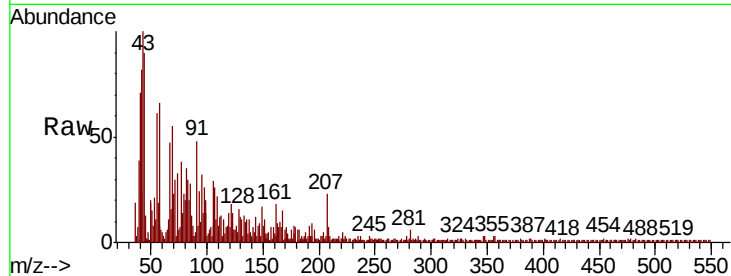




#65
4,6-Dinitro-2-methylphenol
Concen: 5.268 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

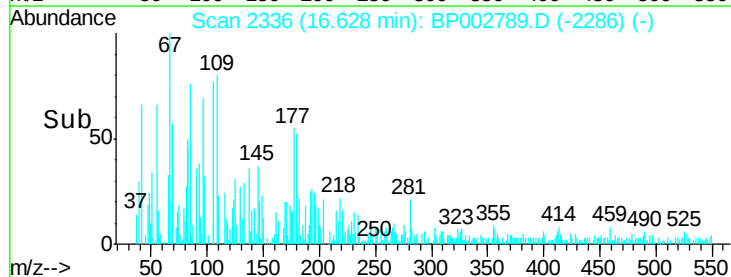
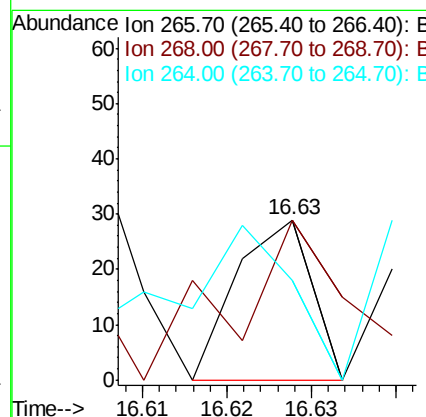
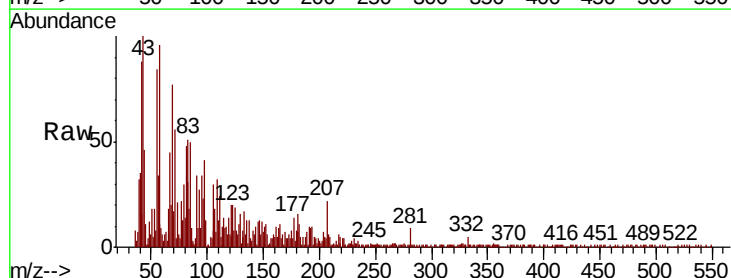
Instrument :
BNA_P
ClientSampled :

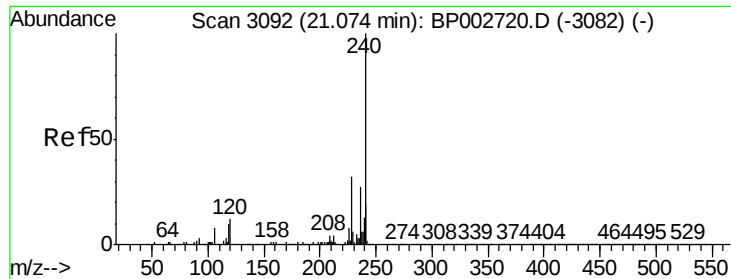
Tot Ion:198 Resp: 13
Ion Ratio Lower Upper
198 100
51 705.3 27.1 67.1#
105 1368.4 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.444 ng
RT: 16.63 min Scan# 2336
Delta R.T. -0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Tgt Ion:266 Resp: 18
Ion Ratio Lower Upper
266 100
268 100.0 50.6 75.8#
264 62.1 48.6 72.8

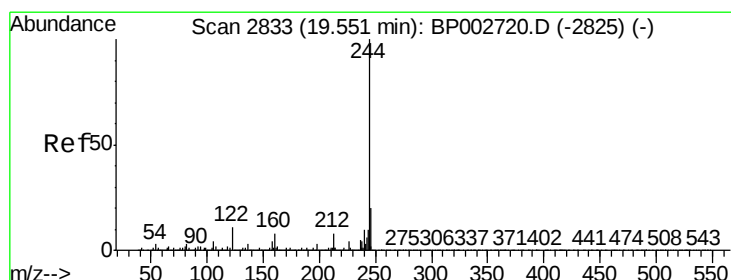
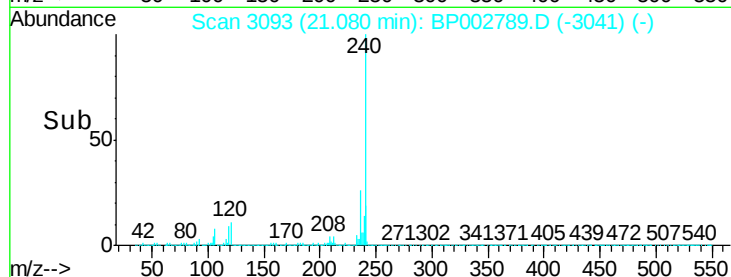
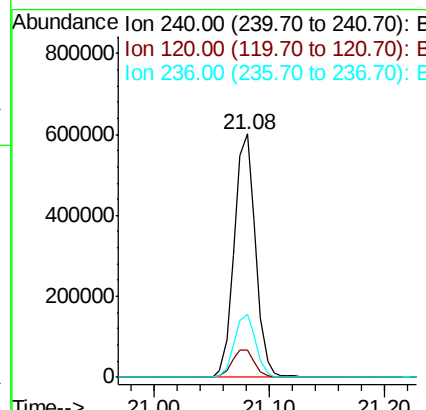
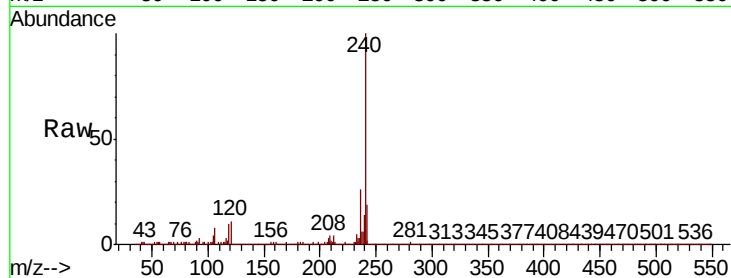




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

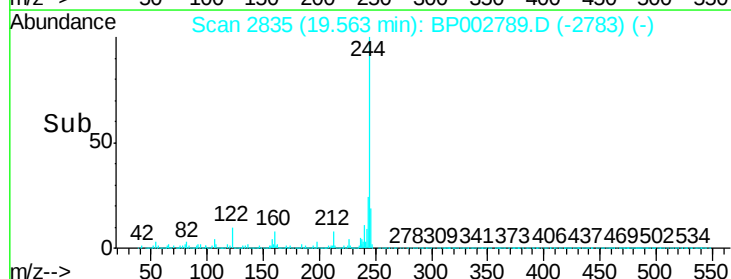
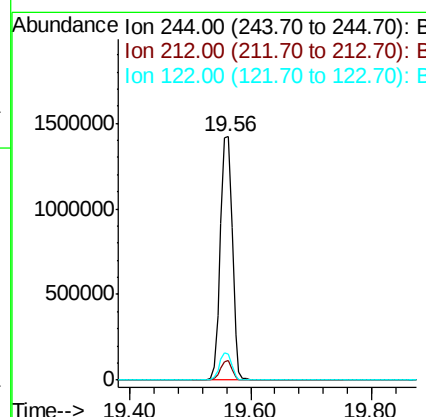
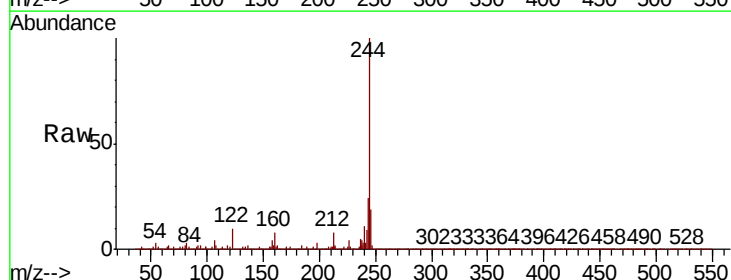
Instrument :
BNA_P
ClientSampleId :

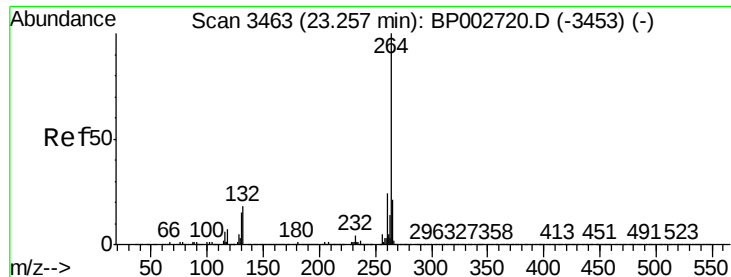
Tot Ion:240 Resp: 764690
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 26.2 21.3 31.9



#79
Terphenyl-d14
Concen: 57.947 ng
RT: 19.56 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Tgt Ion:244 Resp: 1932689
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 10.5 8.9 13.3





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3466
Delta R.T. 0.01 min
Lab File: BP002789.D
Acq: 17 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.3	28.9
265	20.5	16.8	25.2

