

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
 Data File : BP002787.D
 Acq On : 17 Jul 2020 12:22
 Operator : CG/JU
 Sample : L3308-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 17 13:08:06 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

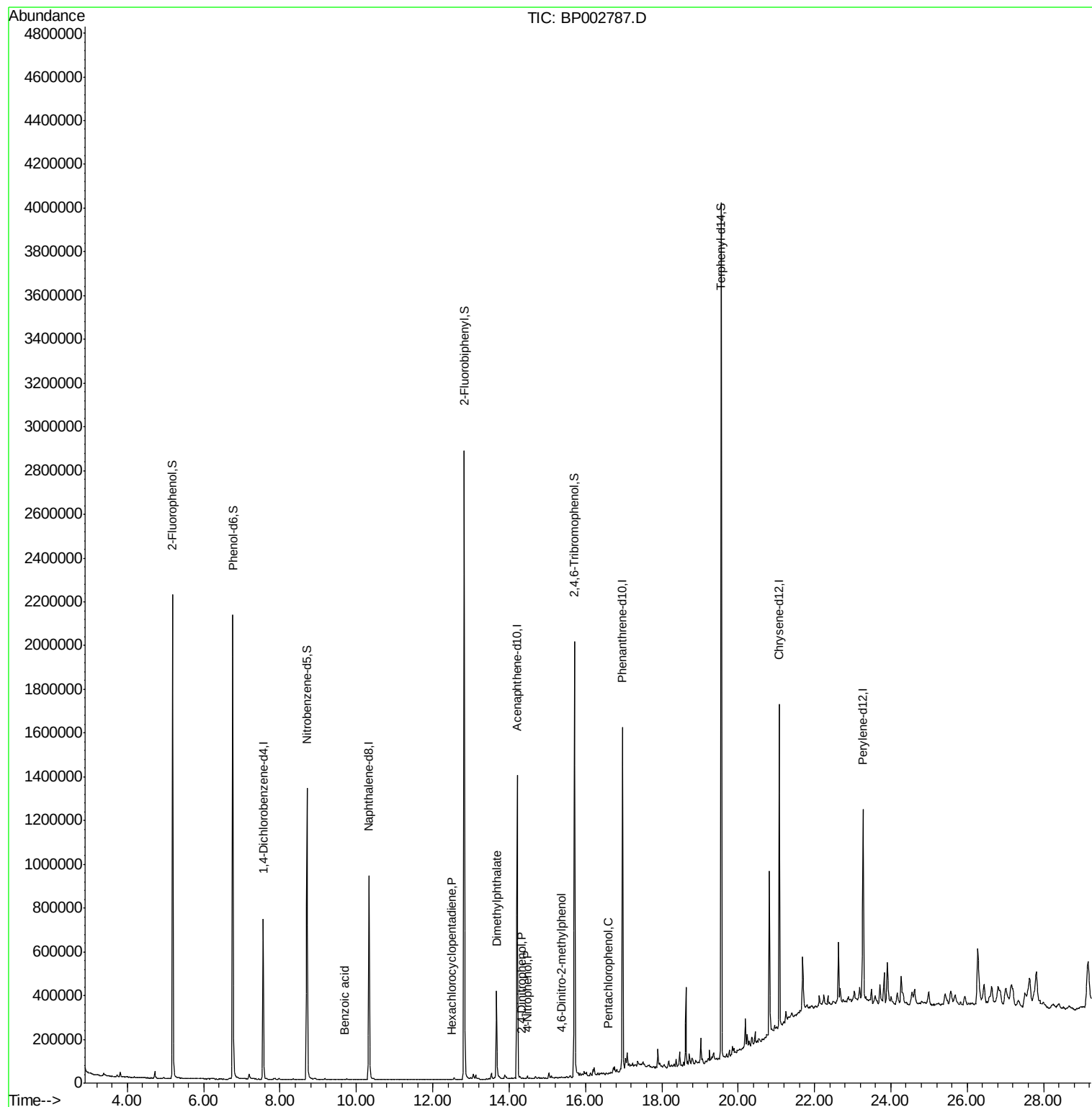
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	190677	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	782530	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	474030	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	942188	20.00	ng	0.00
76) Chrysene-d12	21.08	240	694409	20.00	ng	0.00
86) Perylene-d12	23.27	264	583067	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	974716	86.25	ng	0.00
7) Phenol-d6	6.76	99	1292896	80.16	ng	0.00
23) Nitrobenzene-d5	8.70	82	810238	55.38	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	386987	78.21	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1546395	50.47	ng	0.00
79) Terphenyl-d14	19.56	244	1749728	57.77	ng	0.00
Target Compounds						
32) Benzoic acid	9.68	122	16	7.064	ng	# 1
41) Hexachlorocyclopentadiene	12.49	237	24	7.438	ng	87
50) Dimethylphthalate	13.67	163	279400	7.729	ng	99
54) 2,4-Dinitrophenol	14.33	184	29	11.380	ng	# 1
56) 4-Nitrophenol	14.49	139	93	4.984	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.37	198	39	5.273	ng	# 1
70) Pentachlorophenol	16.60	266	22	7.445	ng	92

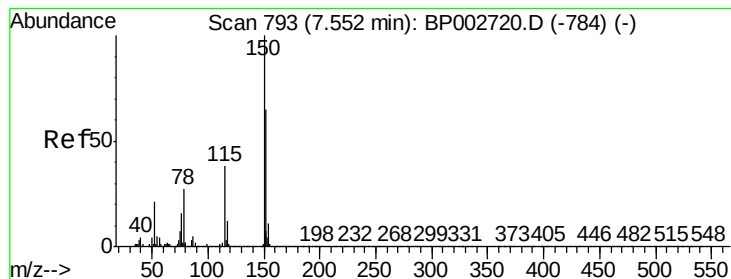
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

Quant Time: Jul 17 13:08:06 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



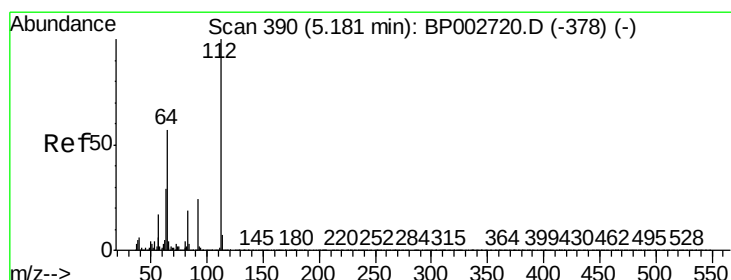
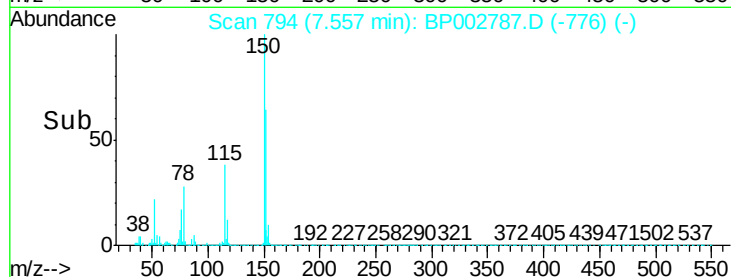
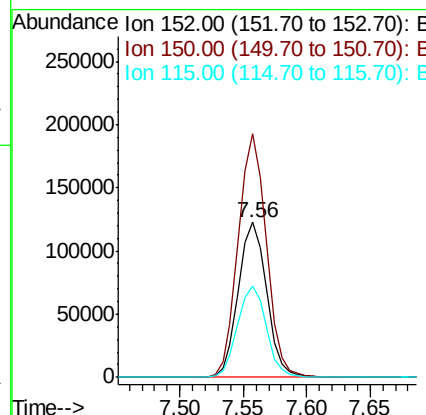
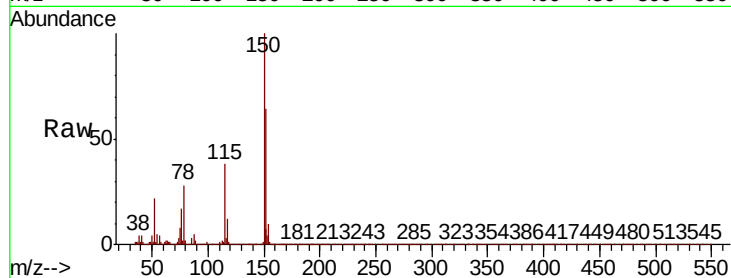


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002787.D
Acq: 17 Jul 2020 12:22

Instrument :
BNA_P
ClientSampleId :

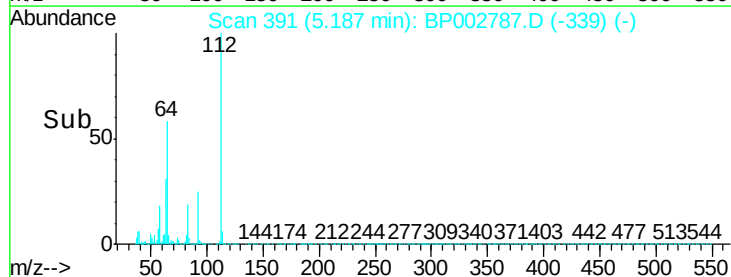
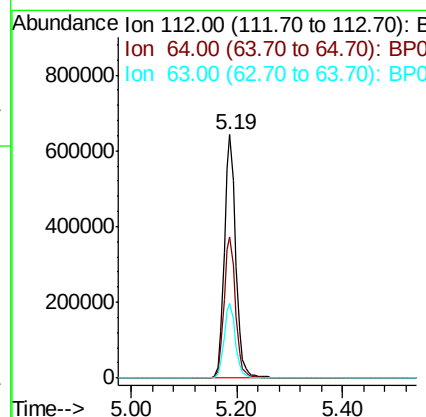
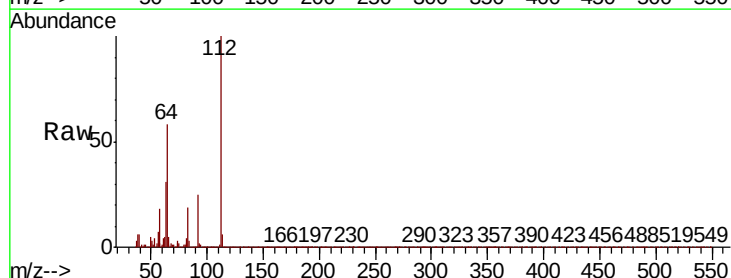
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	123.7	185.5
115	59.3	47.2	70.8

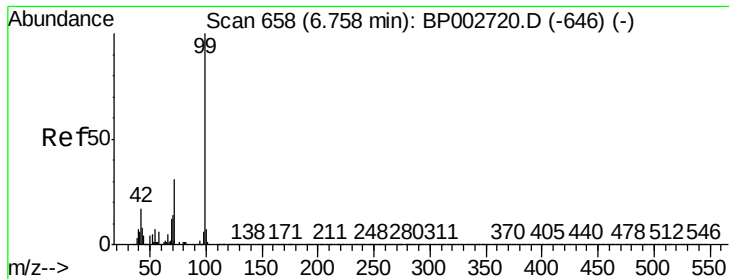


#5

2-Fluorophenol
Concen: 86.247 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002787.D
Acq: 17 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	45.6	68.4
63	30.7	23.5	35.3





#7

Phenol-d6

Concen: 80.159 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002787.D

Acq: 17 Jul 2020 12:22

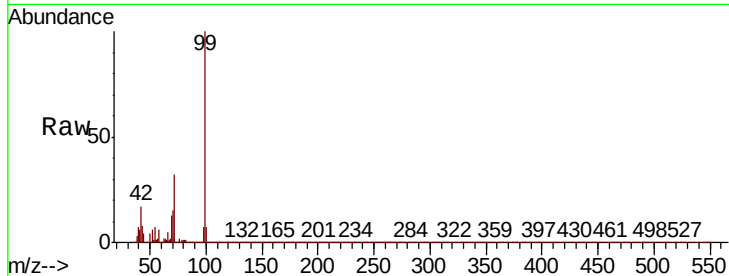
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 1292896

Ion	Ratio	Lower	Upper
99	100		
42	17.4	13.4	20.2
71	32.0	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

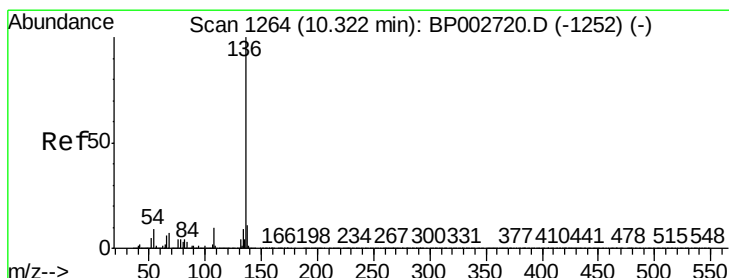
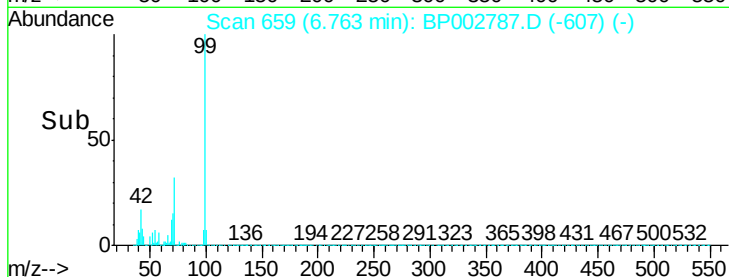
400000

200000

0

6.60 6.80 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

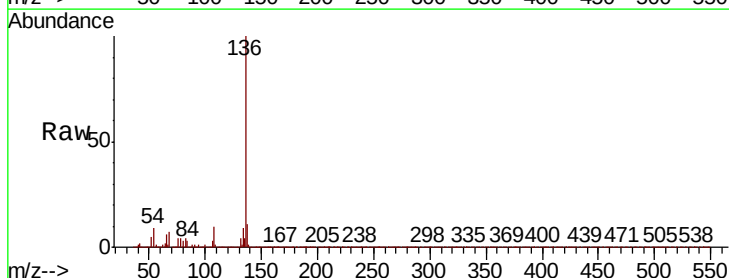
Delta R.T. -0.00 min

Lab File: BP002787.D

Acq: 17 Jul 2020 12:22

Tgt Ion: 136 Resp: 782530

Ion	Ratio	Lower	Upper
136	100		
137	10.8	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

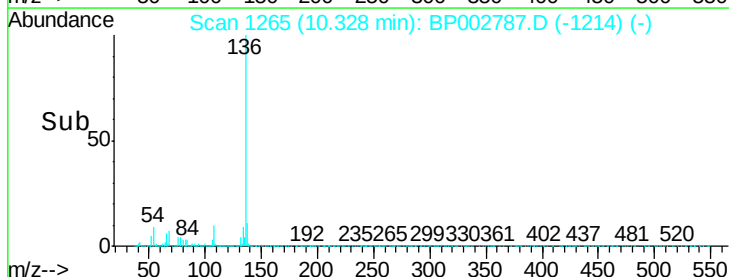
400000

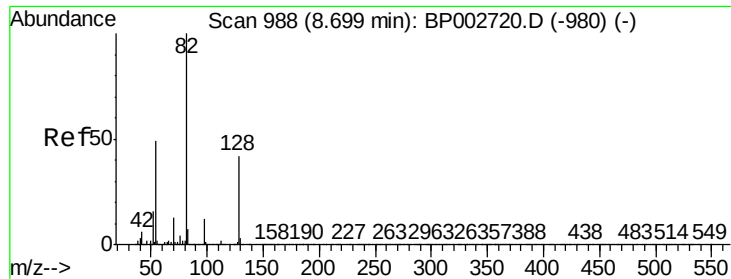
200000

0

10.20 10.40

Time-->

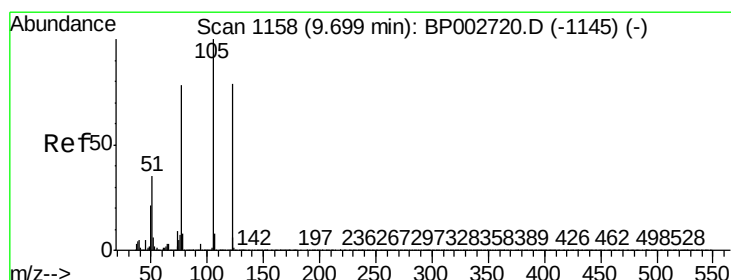
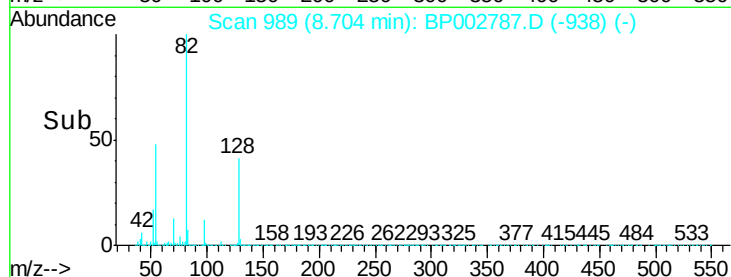
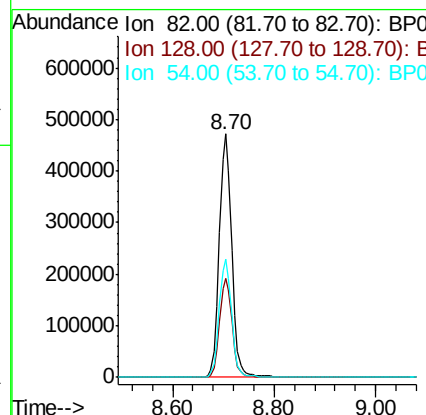
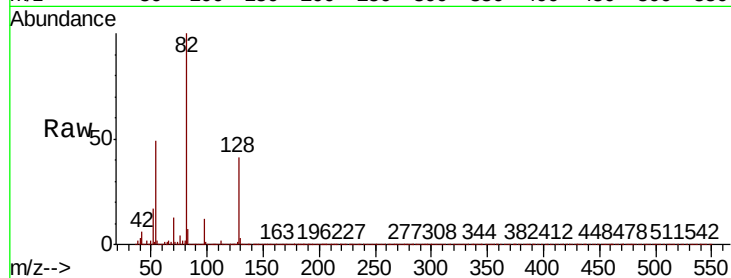




#23
 Nitrobenzene-d5
 Concen: 55.377 ng
 RT: 8.70 min Scan# 989
 Delta R.T. -0.00 min
 Lab File: BP002787.D
 Acq: 17 Jul 2020 12:22

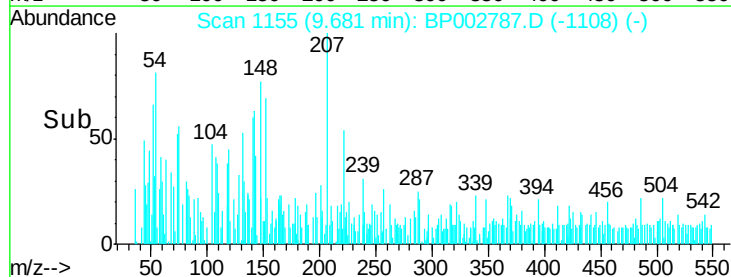
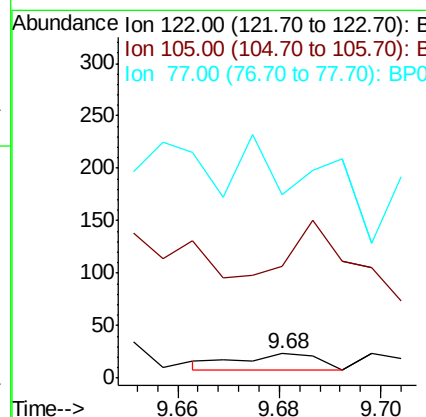
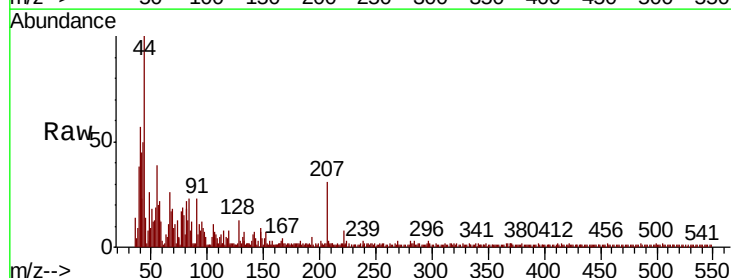
Instrument :
 BNA_P
 ClientSampleId :

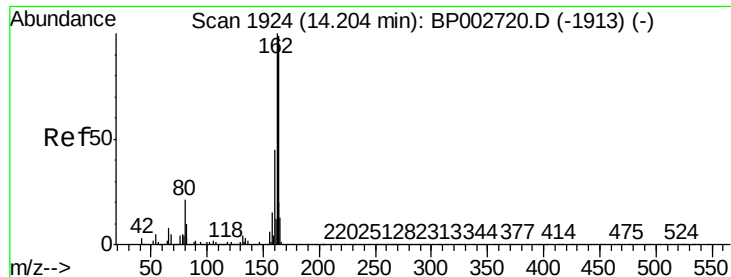
Tot Ion	82	Resp	810238
Ion Ratio	Lower	Upper	
82	100		
128	40.9	33.8	50.8
54	48.5	38.8	58.2



#32
 Benzoic acid
 Concen: 7.064 ng
 RT: 9.68 min Scan# 1155
 Delta R.T. -0.02 min
 Lab File: BP002787.D
 Acq: 17 Jul 2020 12:22

Tgt Ion	122	Resp	16
Ion Ratio	Lower	Upper	
122	100		
105	465.2	105.4	145.4#
77	760.9	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: BP002787.D

Acq: 17 Jul 2020 12:22

Instrument :

BNA_P

ClientSampleId :

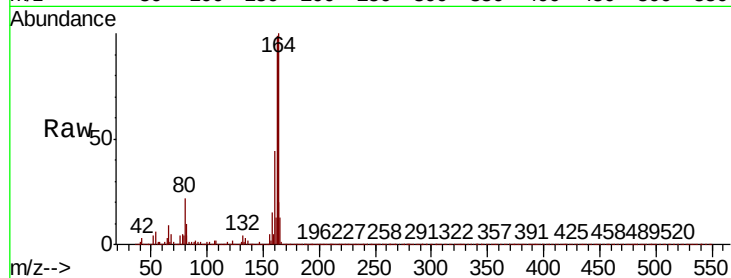
Tot Ion:164 Resp: 474030

Ion Ratio Lower Upper

164 100

162 98.5 80.6 121.0

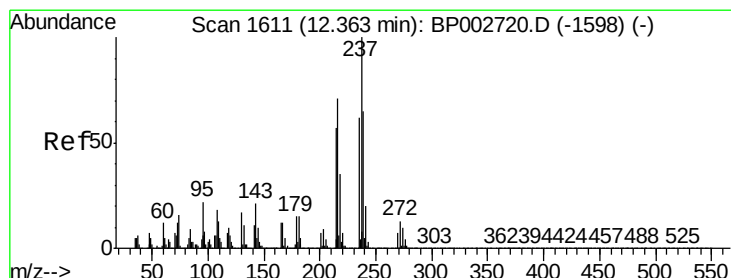
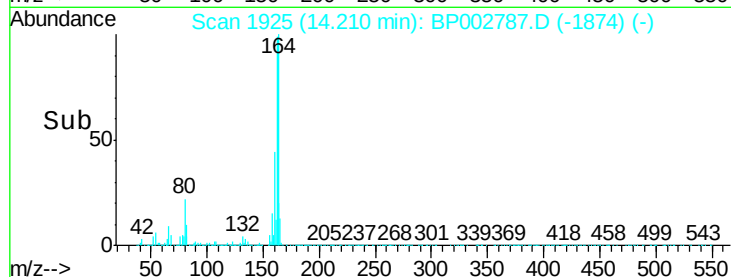
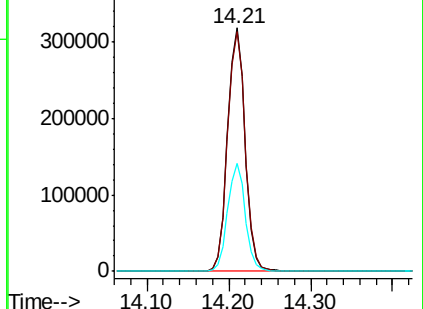
160 44.4 36.4 54.6



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: 7.438 ng

RT: 12.49 min Scan# 1632

Delta R.T. 0.12 min

Lab File: BP002787.D

Acq: 17 Jul 2020 12:22

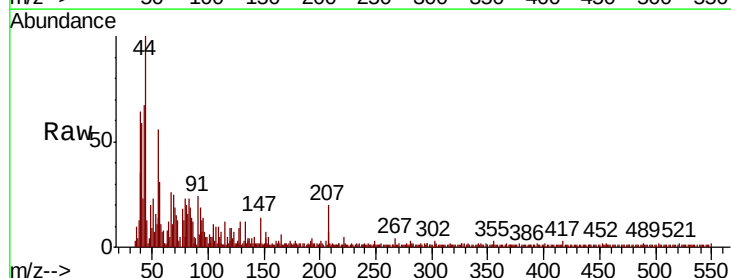
Tgt Ion:237 Resp: 24

Ion Ratio Lower Upper

237 100

235 69.6 42.3 82.3

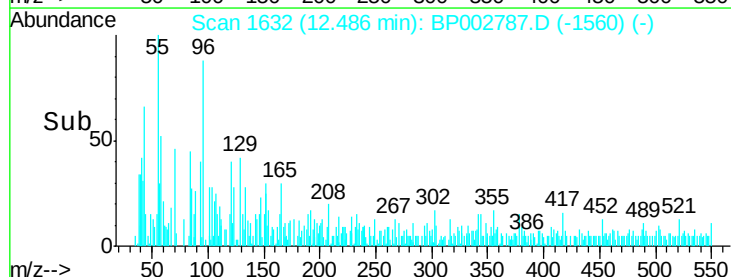
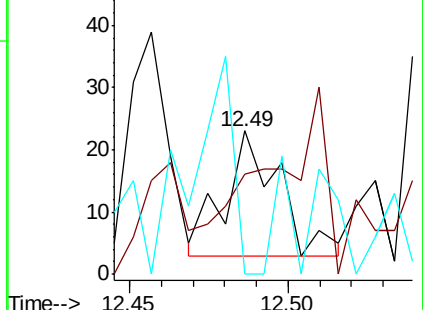
272 0.0 0.0 32.5

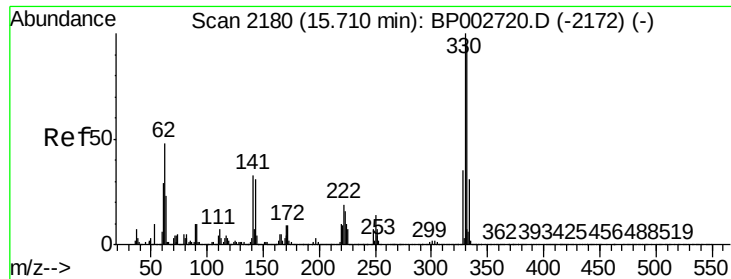


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

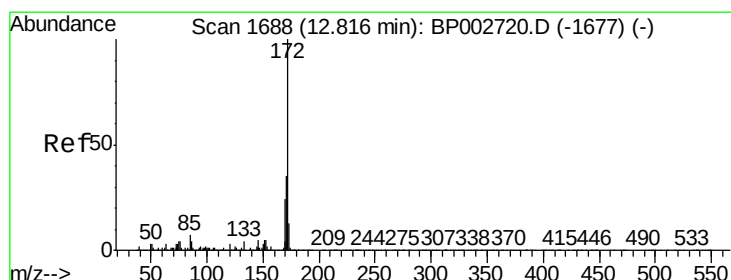
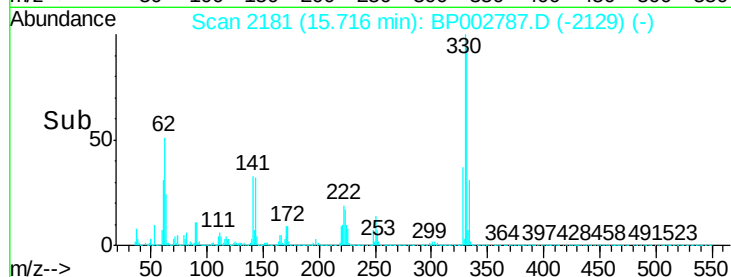
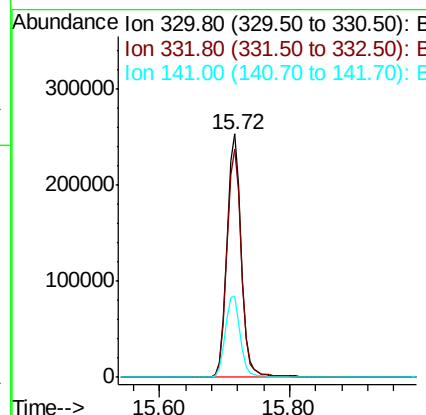
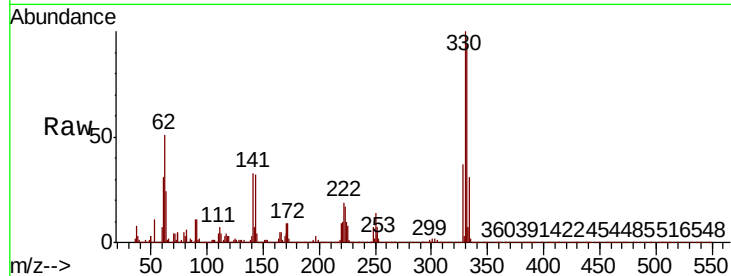




#42
 2,4,6-Tribromophenol
 Concen: 78.209 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BP002787.D
 Acq: 17 Jul 2020 12:22

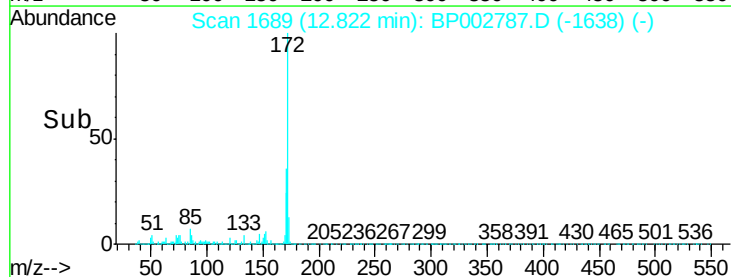
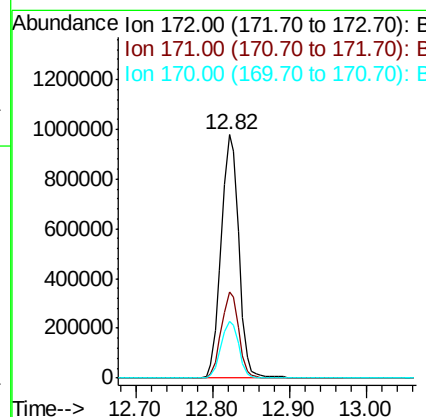
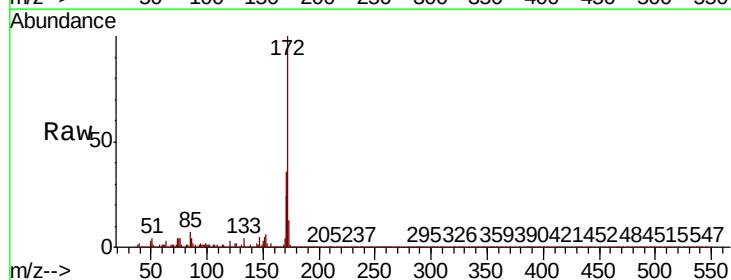
Instrument :
 BNA_P
 ClientSampleId :

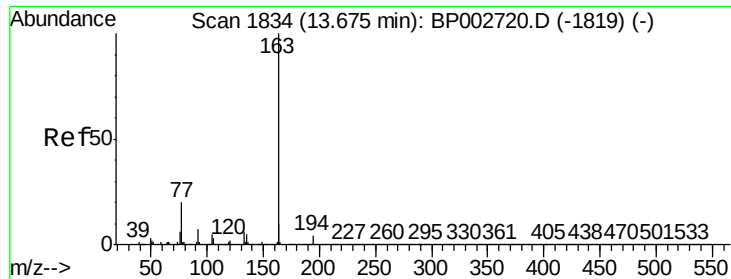
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	76.5	114.7
141	35.1	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 50.466 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BP002787.D
 Acq: 17 Jul 2020 12:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.5	19.3	28.9





#50

Dimethylphthalate

Concen: 7.729 ng

RT: 13.67 min Scan# 1834

Delta R.T. -0.00 min

Lab File: BP002787.D

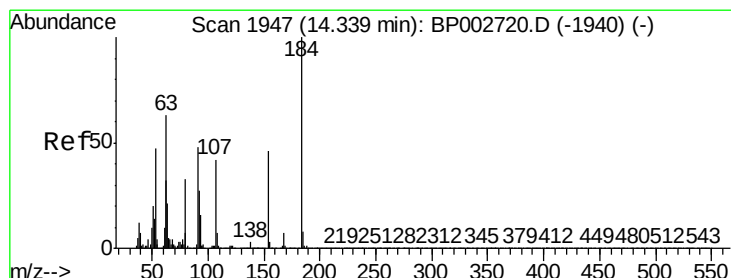
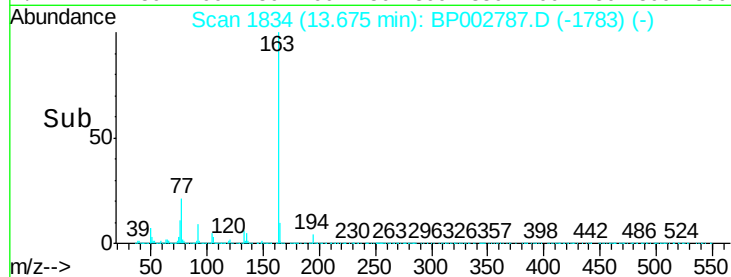
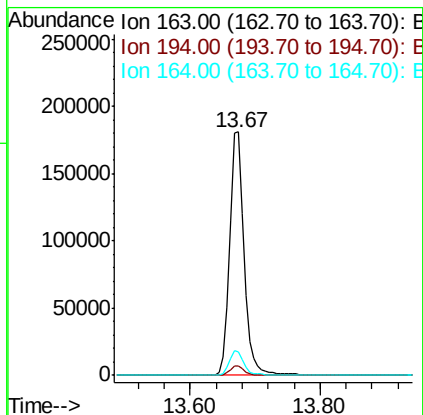
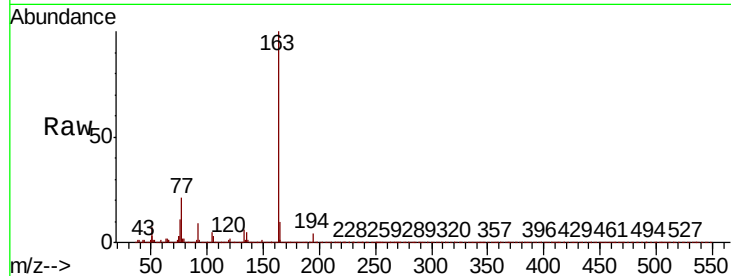
Acq: 17 Jul 2020 12:22

Instrument :

BNA_P

ClientSampled :

Tot Ion:	163	Resp:	279400
Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.4	5.2
164	9.6	7.8	11.8



#54

2,4-Dinitrophenol

Concen: 11.380 ng

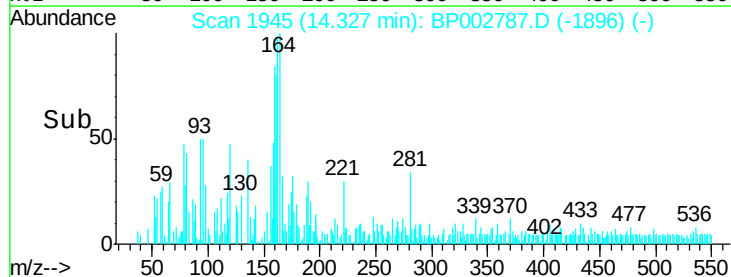
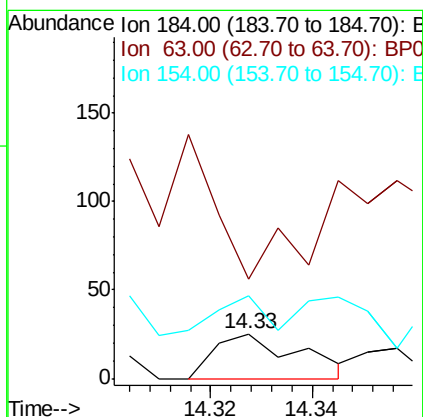
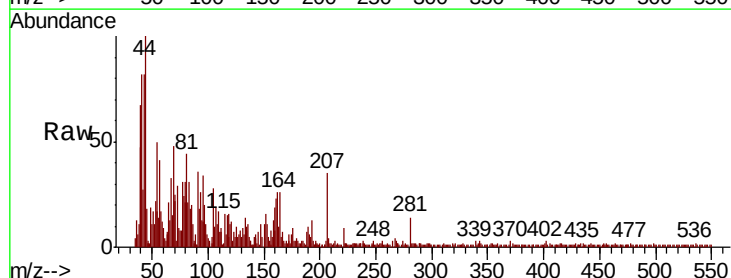
RT: 14.33 min Scan# 1945

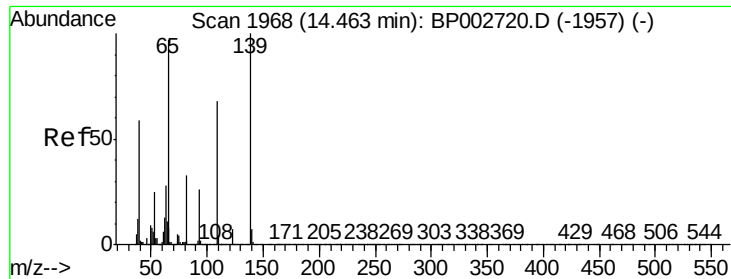
Delta R.T. -0.01 min

Lab File: BP002787.D

Acq: 17 Jul 2020 12:22

Tgt Ion:	184	Resp:	29
Ion	Ratio	Lower	Upper
184	100		
63	224.0	51.6	77.4#
154	188.0	45.0	67.6#

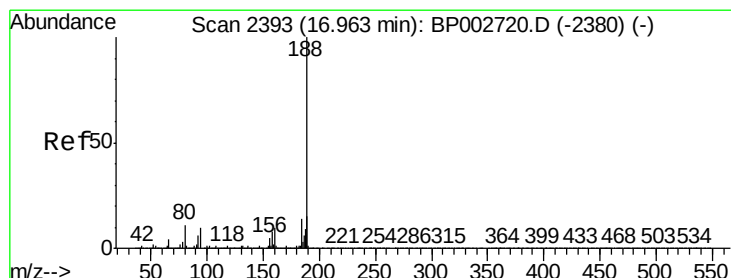
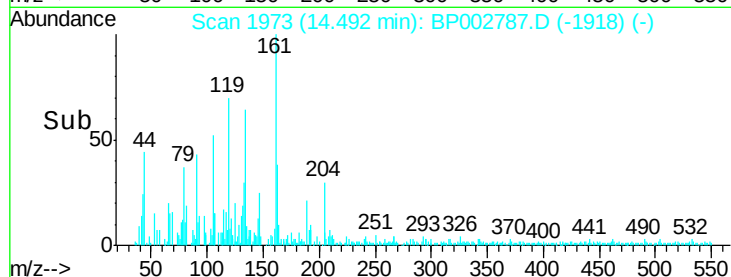
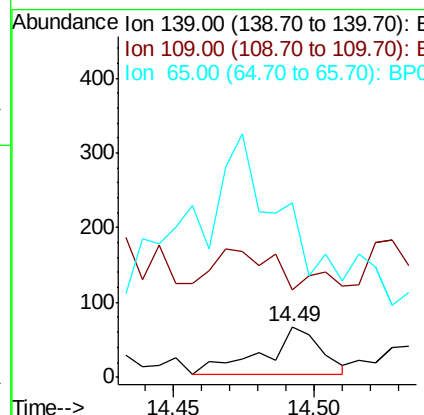
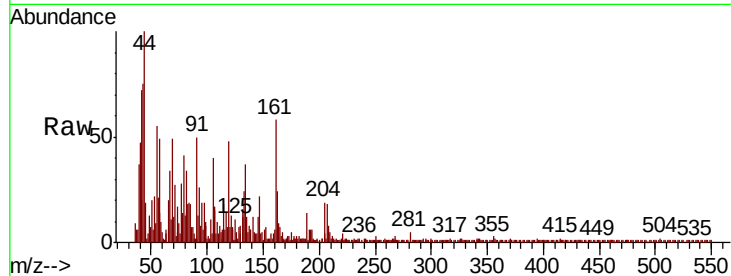




#56
4-Nitrophenol
Concen: 4.984 ng
RT: 14.49 min Scan# 1973
Delta R.T. 0.02 min
Lab File: BP002787.D
Acq: 17 Jul 2020 12:22

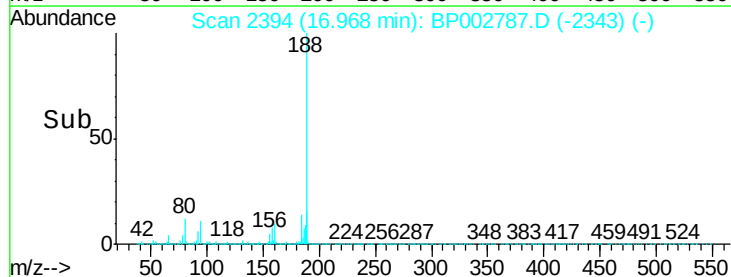
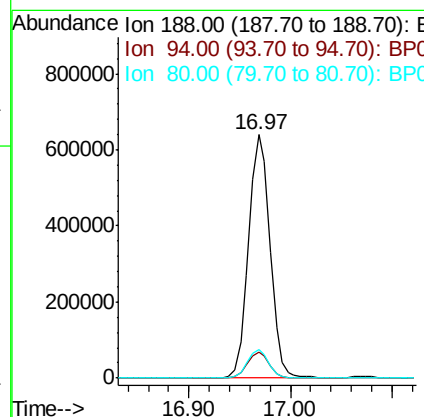
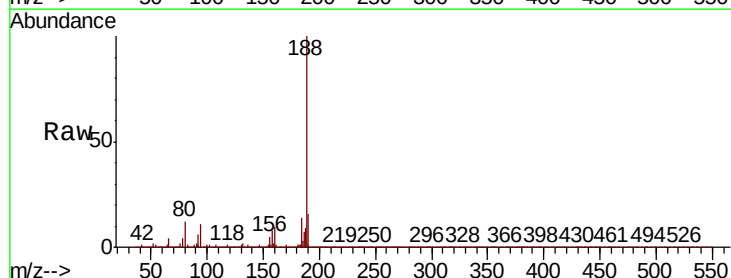
Instrument :
BNA_P
ClientSampled :

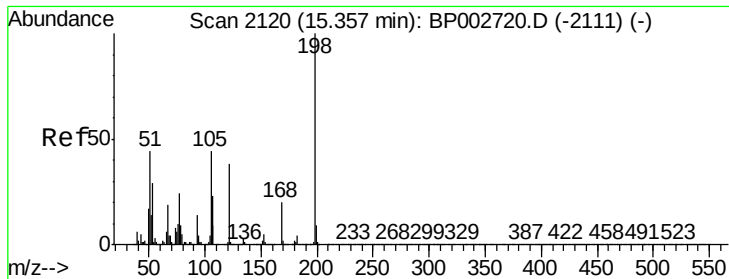
Tot Ion:139 Resp: 93
Ion Ratio Lower Upper
139 100
109 170.6 48.1 88.1#
65 342.6 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.97 min Scan# 2394
Delta R.T. -0.00 min
Lab File: BP002787.D
Acq: 17 Jul 2020 12:22

Tgt Ion:188 Resp: 942188
Ion Ratio Lower Upper
188 100
94 10.8 8.1 12.1
80 11.9 8.9 13.3

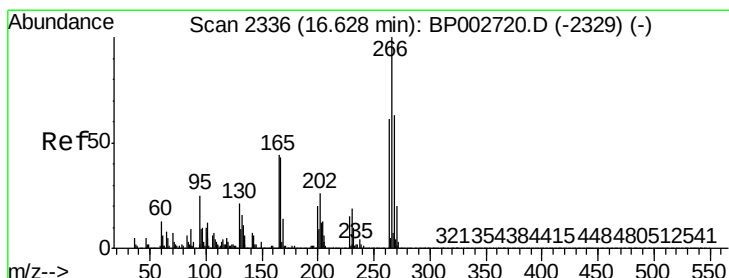
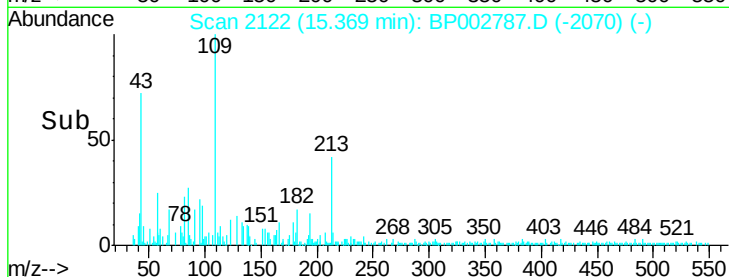
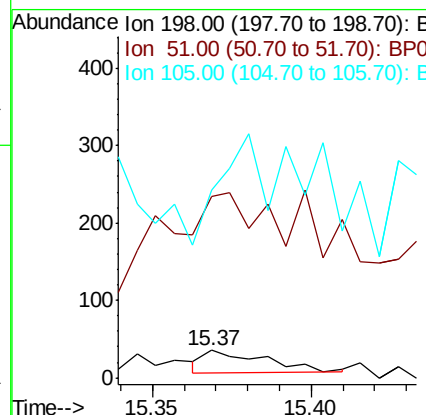
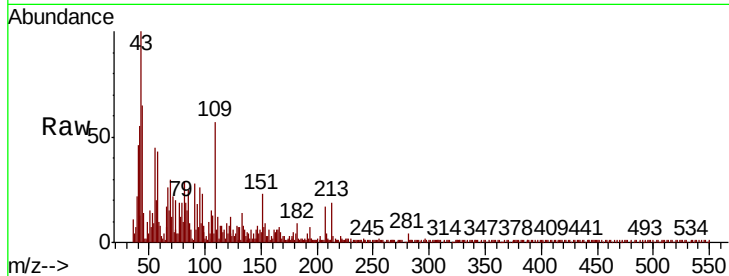




#65
4,6-Dinitro-2-methylphenol
Concen: 5.273 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002787.D
Acq: 17 Jul 2020 12:22

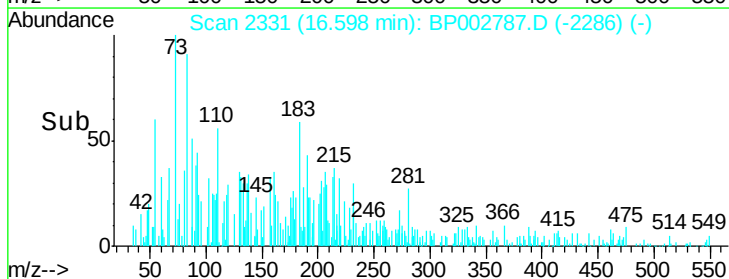
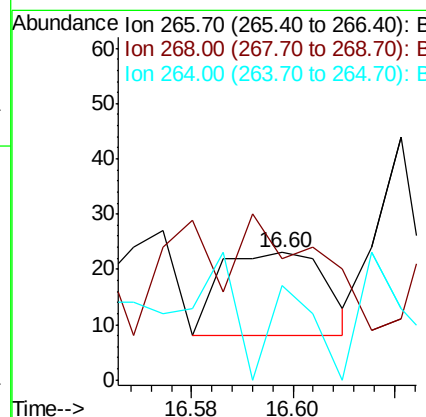
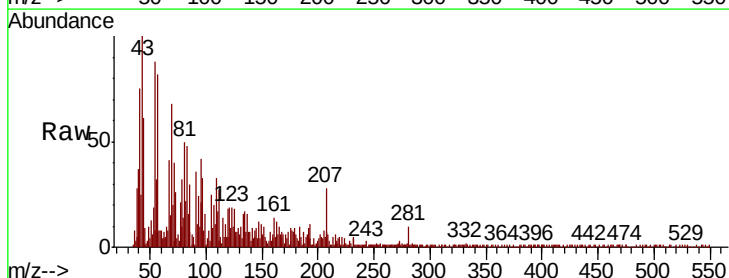
Instrument :
BNA_P
ClientSampleId :

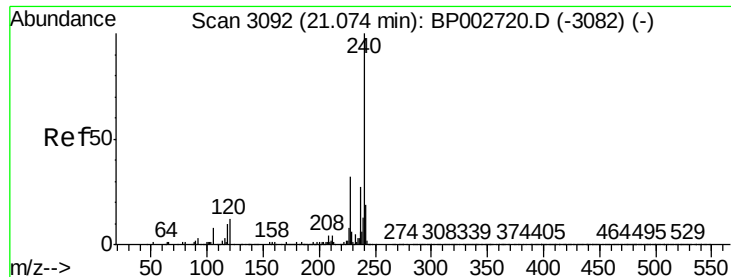
Tot Ion:198 Resp: 39
Ion Ratio Lower Upper
198 100
51 668.6 27.1 67.1#
105 691.4 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.445 ng
RT: 16.60 min Scan# 2331
Delta R.T. -0.04 min
Lab File: BP002787.D
Acq: 17 Jul 2020 12:22

Tgt Ion:266 Resp: 22
Ion Ratio Lower Upper
266 100
268 62.9 50.6 75.8
264 48.6 48.6 72.8

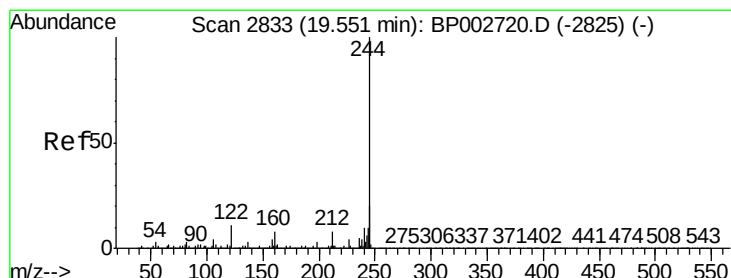
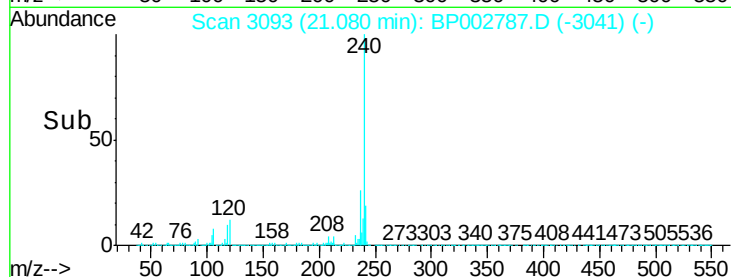
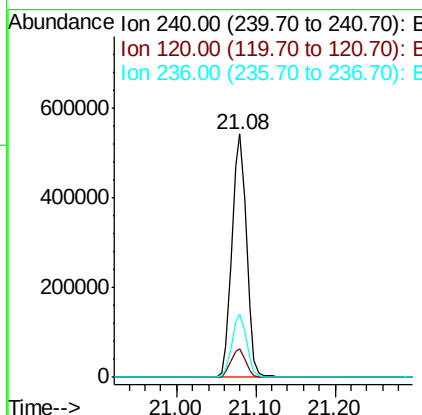
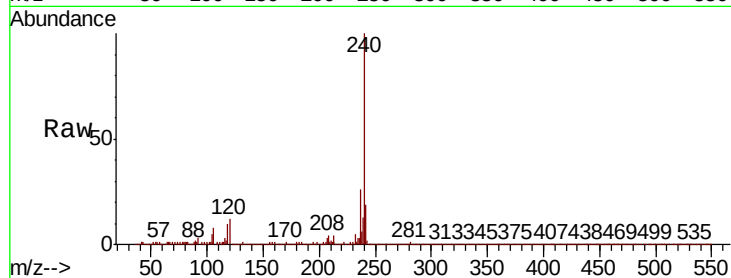




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.08 min Scan# 3093
Delta R.T. 0.01 min
Lab File: BP002787.D
Acq: 17 Jul 2020 12:22

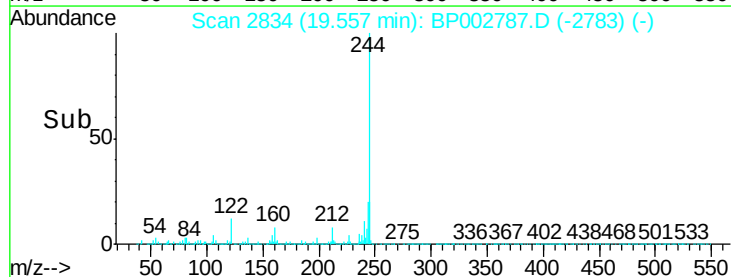
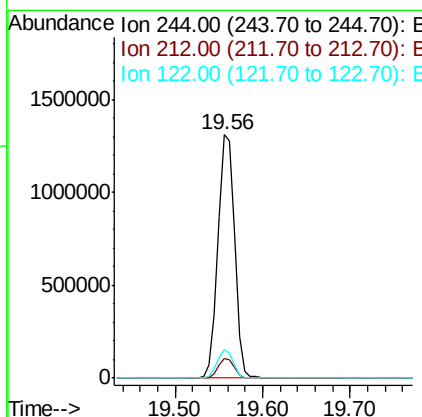
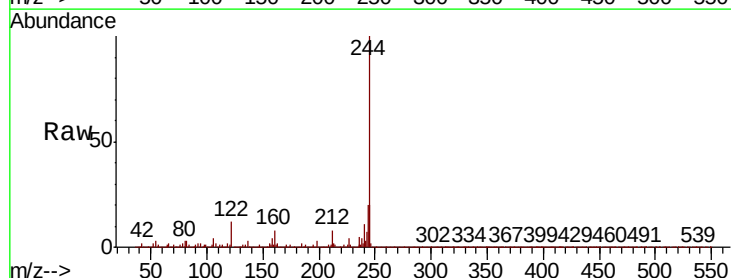
Instrument :
BNA_P
ClientSampleId :

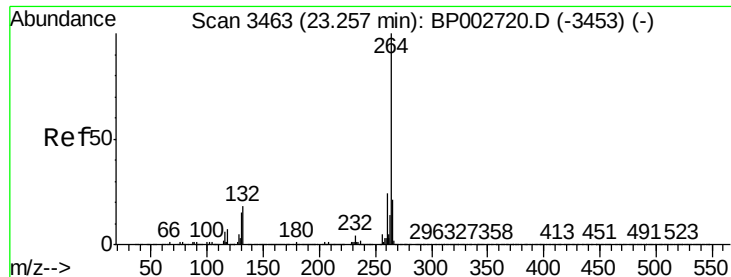
Tot Ion:240 Resp: 694409
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 25.8 21.3 31.9



#79
Terphenyl-d14
Concen: 57.771 ng
RT: 19.56 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BP002787.D
Acq: 17 Jul 2020 12:22

Tgt Ion:244 Resp: 1749728
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 11.7 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: BP002787.D
Acq: 17 Jul 2020 12:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.3	28.9
265	21.5	16.8	25.2

