

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002826.D
 Acq On : 22 Jul 2020 15:49
 Operator : CG/JU
 Sample : L3366-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 22 17:24:59 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

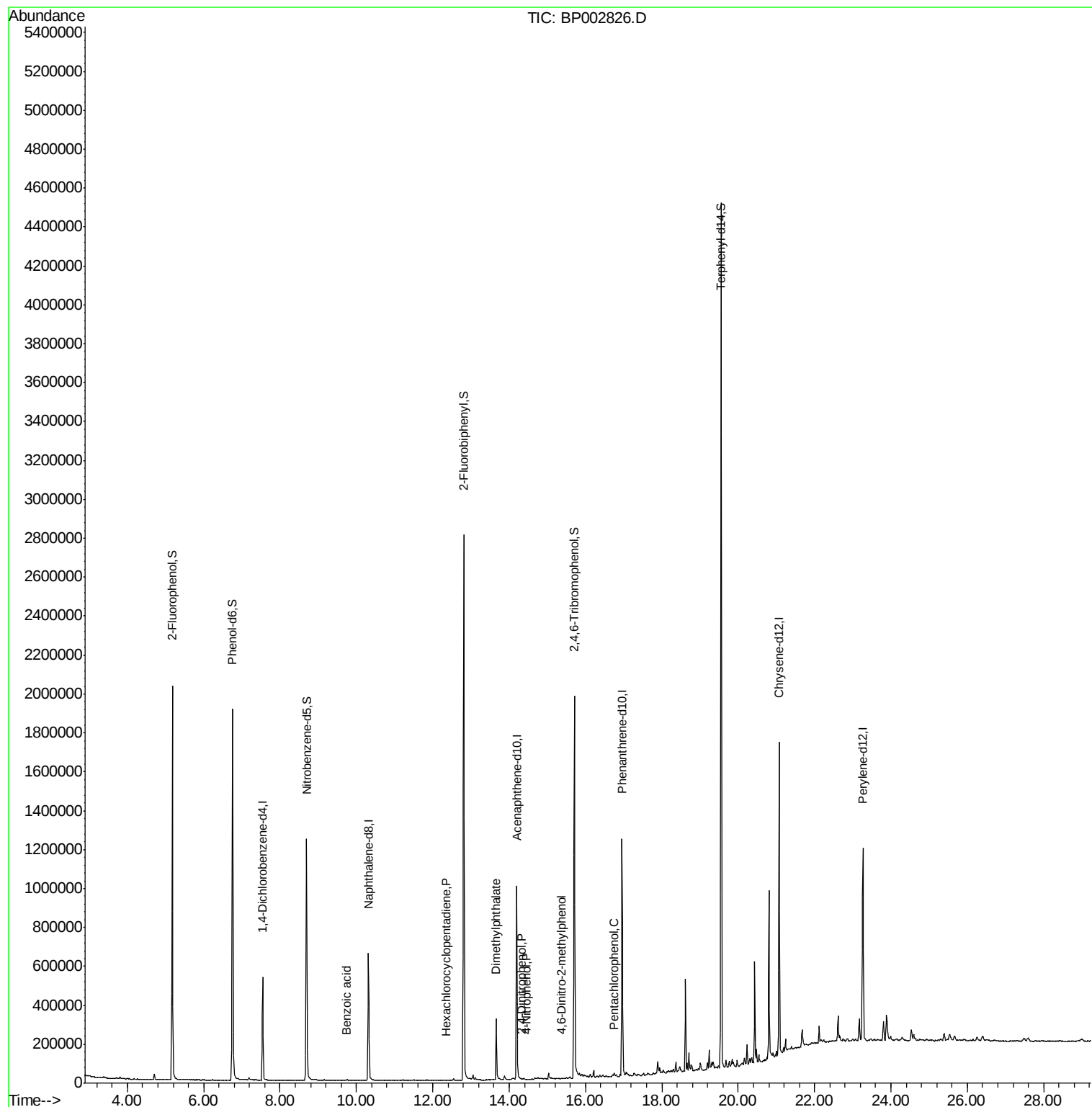
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	140637	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	565587	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	349740	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	764280	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	734859	20.00	ng	0.00
86) Perylene-d12	23.26	264	668714	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	894073	107.26	ng	0.00
7) Phenol-d6	6.75	99	1188486	99.90	ng	0.00
23) Nitrobenzene-d5	8.69	82	761681	72.03	ng	-0.01
42) 2,4,6-Tribromophenol	15.70	330	398453	109.14	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1515187	67.02	ng	-0.01
79) Terphenyl-d14	19.55	244	2020753	63.05	ng	0.00
Target Compounds						
32) Benzoic acid	9.73	122	50	7.069	ng	Qvalue # 1
41) Hexachlorocyclopentadiene	12.35	237	36	7.441	ng	79
50) Dimethylphthalate	13.66	163	228533	8.568	ng	99
54) 2,4-Dinitrophenol	14.32	184	24	11.380	ng	# 1
56) 4-Nitrophenol	14.45	139	30	4.977	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.35	198	10	5.268	ng	# 1
70) Pentachlorophenol	16.73	266	24	7.446	ng	91

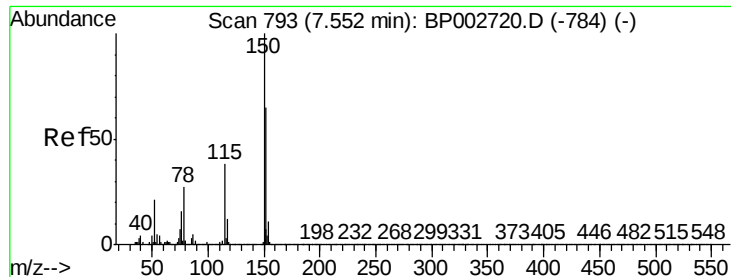
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 7 Sample Multiplier: 1

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BNA_P
ClientSampleId :

Quant Time: Jul 22 17:24:59 2020
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QLast Update : Mon Jul 13 10:54:03 2020
Response via : Initial Calibration



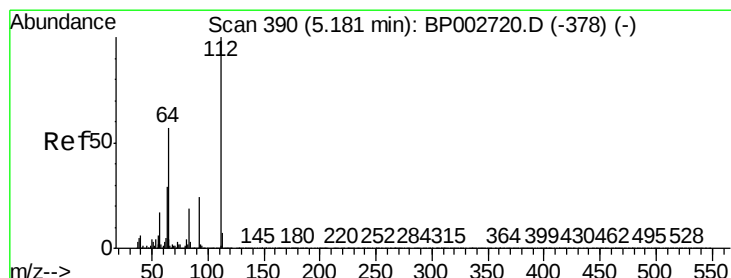
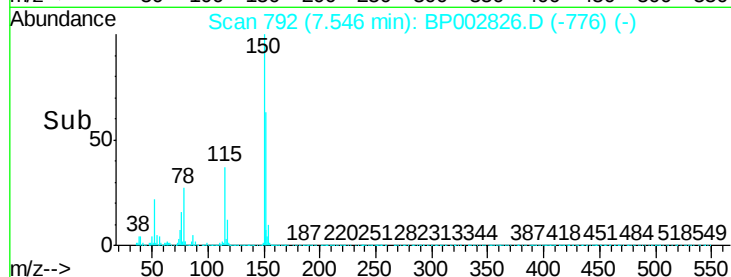
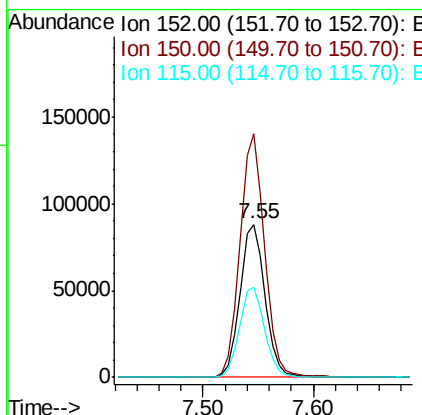
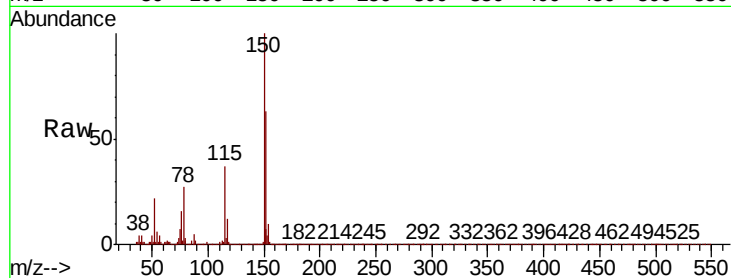


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

Instrument :
BNA_P
ClientSampleId :

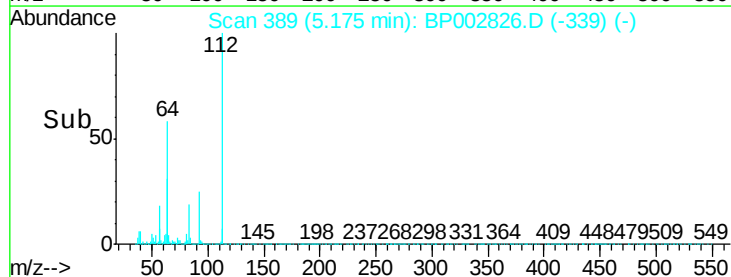
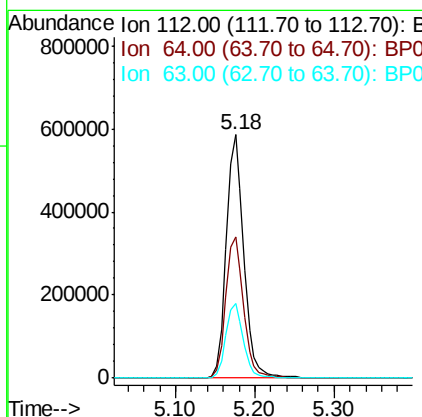
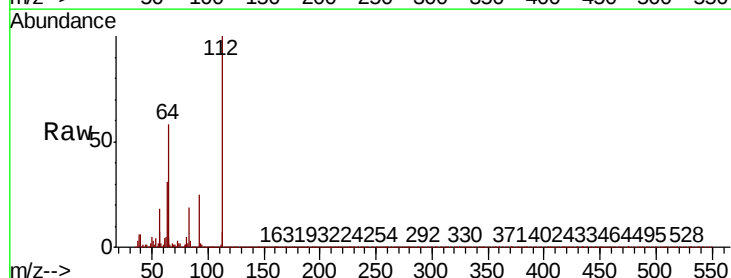
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	123.7	185.5
115	58.9	47.2	70.8

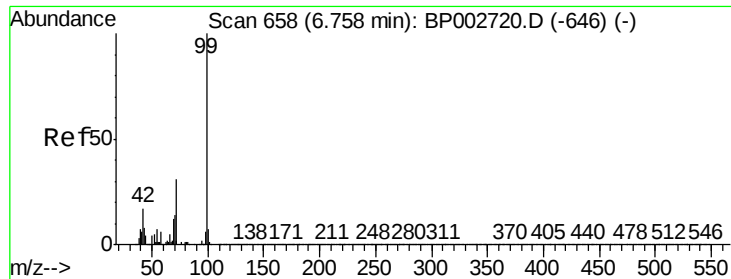


#5

2-Fluorophenol
Concen: 107.260 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.2	45.6	68.4
63	30.5	23.5	35.3





#7

Phenol-d6

Concen: 99.904 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002826.D

Acq: 22 Jul 2020 15:49

Instrument :

BNA_P

ClientSampleId :

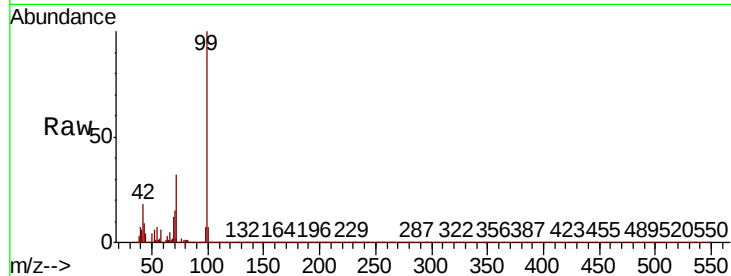
Tot Ion: 99 Resp: 1188486

Ion Ratio Lower Upper

99 100

42 17.9 13.4 20.2

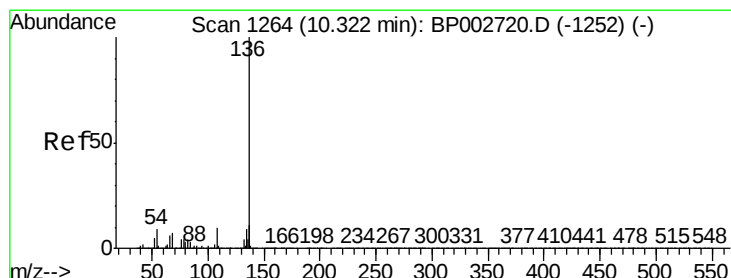
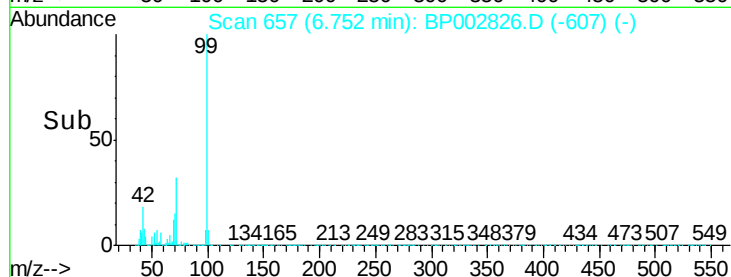
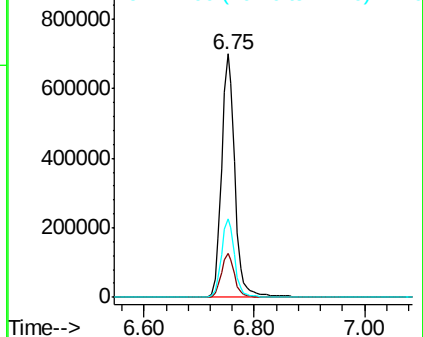
71 32.3 24.6 36.8



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: 10.32 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BP002826.D

Acq: 22 Jul 2020 15:49

Tgt Ion: 136 Resp: 565587

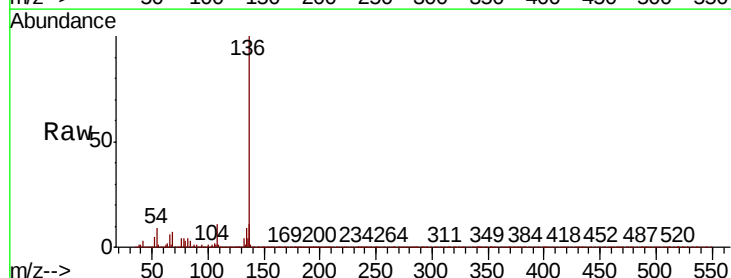
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 9.1 6.9 10.3

68 7.3 5.7 8.5

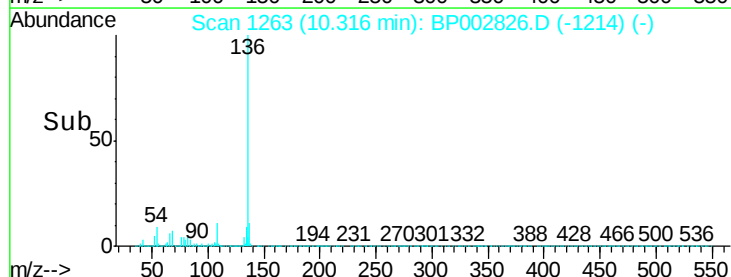
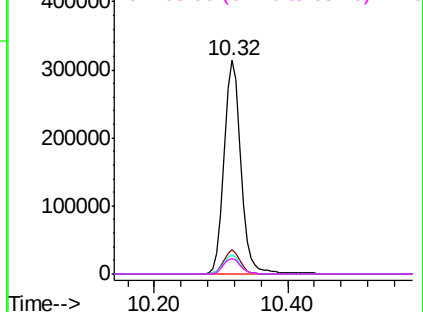


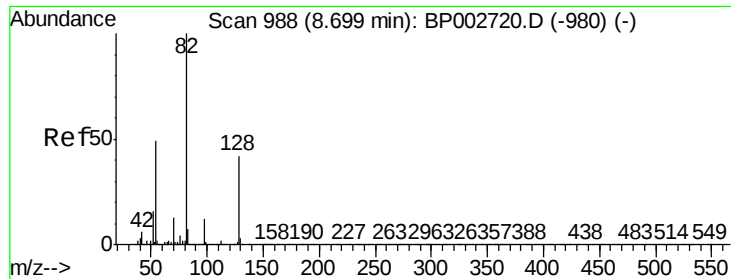
Abundance Ion 136.00 (135.70 to 136.70): E

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

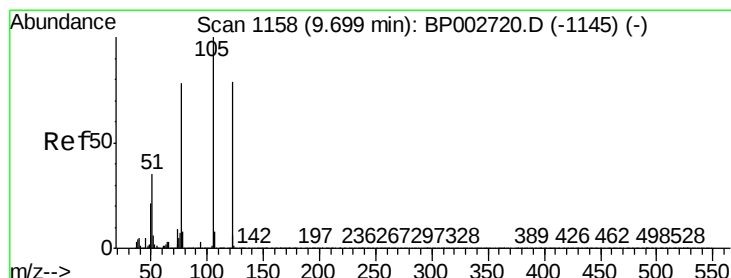
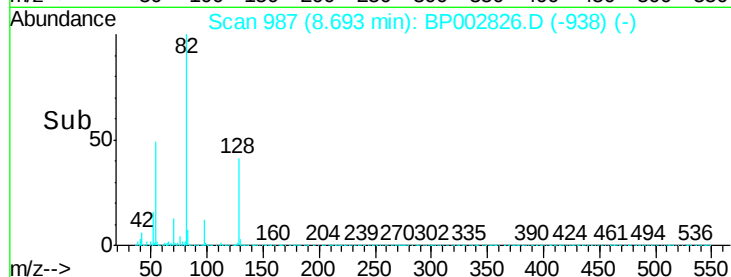
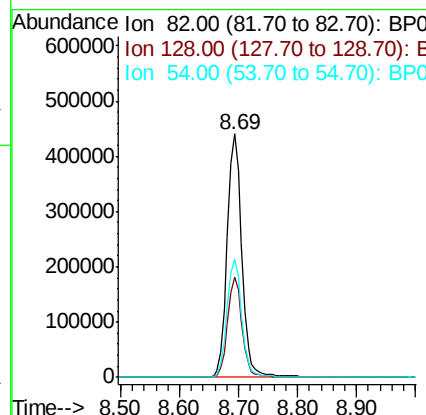
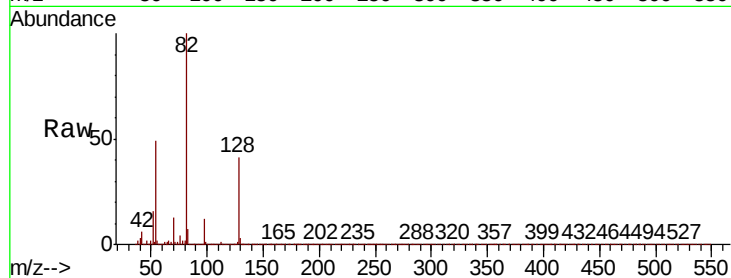




#23
Nitrobenzene-d5
Concen: 72.027 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

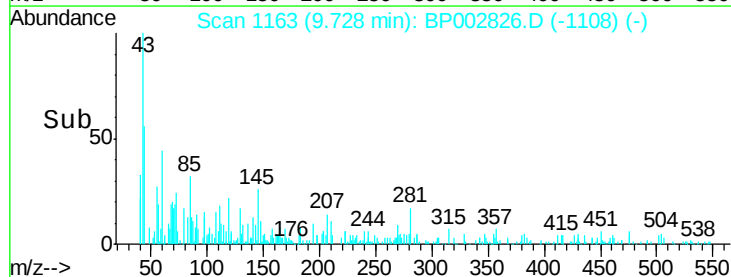
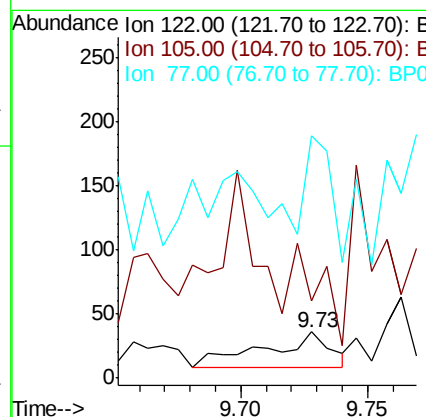
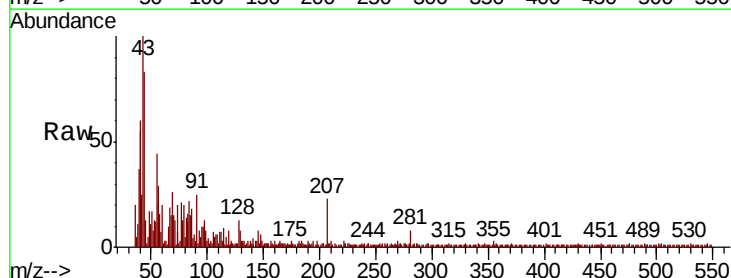
Instrument :
BNA_P
ClientSampled :

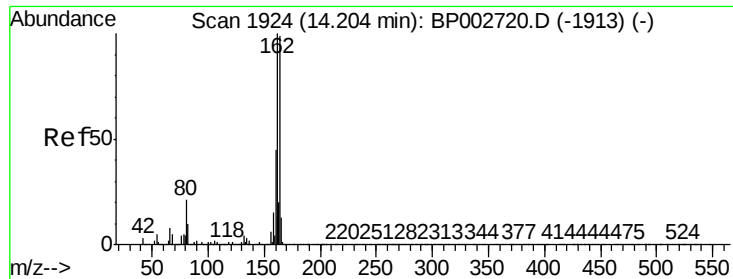
Tot Ion	82	Resp	761681
Ion Ratio	100	Lower	Upper
128	40.9	33.8	50.8
54	48.6	38.8	58.2



#32
Benzoic acid
Concen: 7.069 ng
RT: 9.73 min Scan# 1163
Delta R.T. 0.02 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

Tgt Ion	122	Resp	50
Ion Ratio	100	Lower	Upper
105	166.7	105.4	145.4#
77	525.0	78.5	118.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002826.D

Acq: 22 Jul 2020 15:49

Instrument :

BNA_P

ClientSampleId :

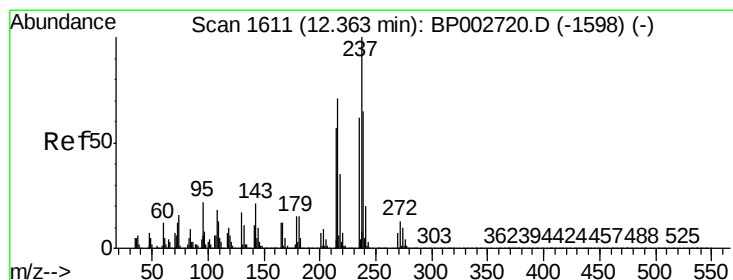
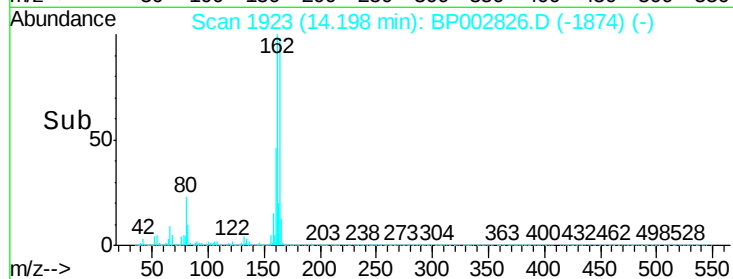
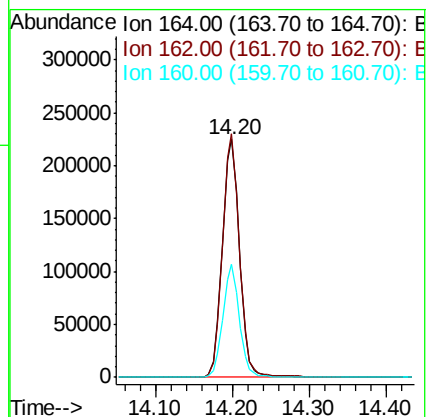
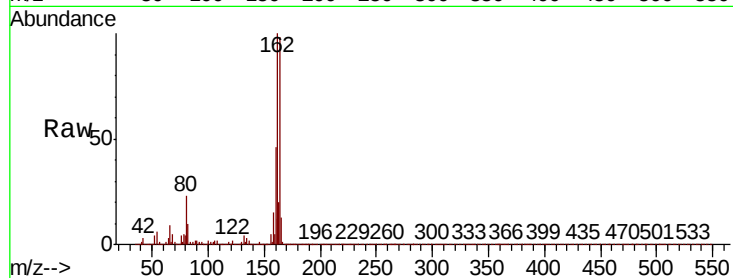
Tot Ion:164 Resp: 349740

Ion Ratio Lower Upper

164 100

162 102.2 80.6 121.0

160 47.2 36.4 54.6



#41

Hexachlorocyclopentadiene

Concen: 7.441 ng

RT: 12.35 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BP002826.D

Acq: 22 Jul 2020 15:49

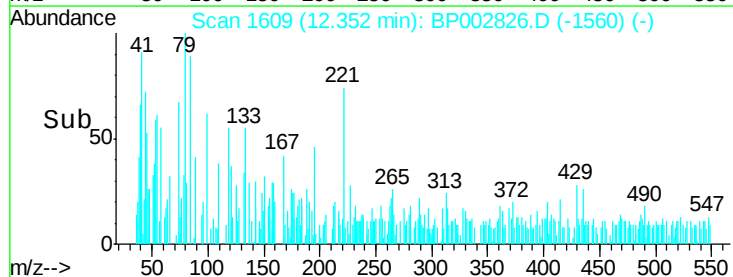
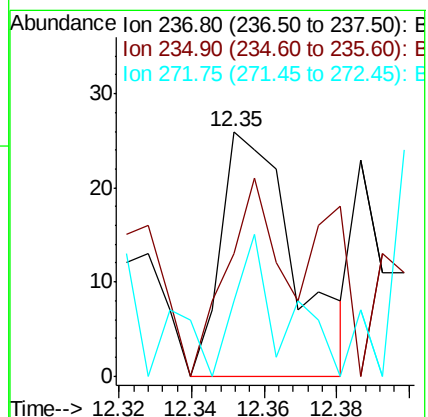
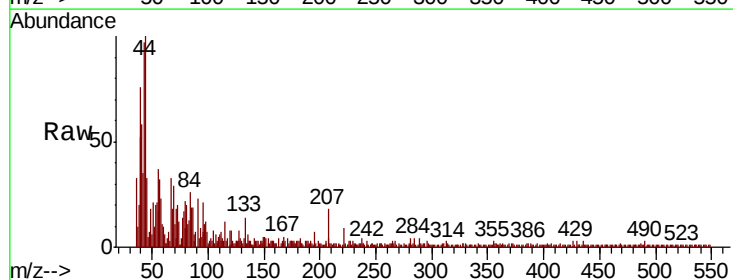
Tgt Ion:237 Resp: 36

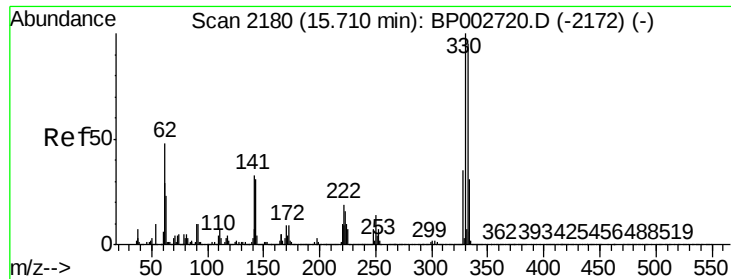
Ion Ratio Lower Upper

237 100

235 50.0 42.3 82.3

272 30.8 0.0 32.5

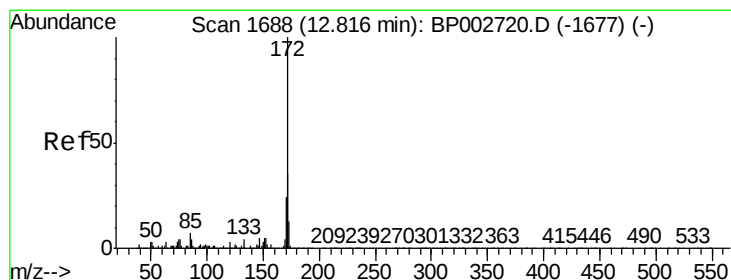
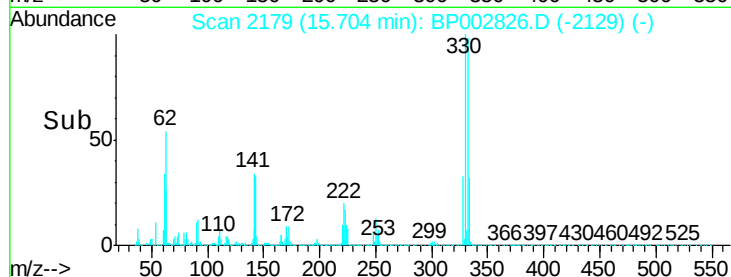
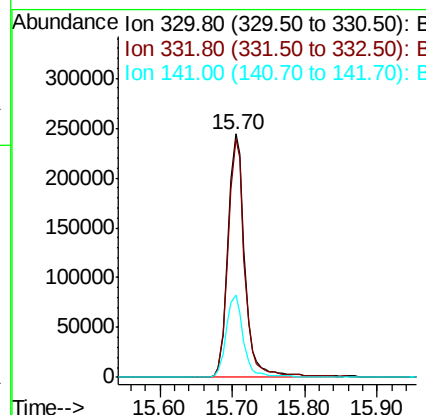
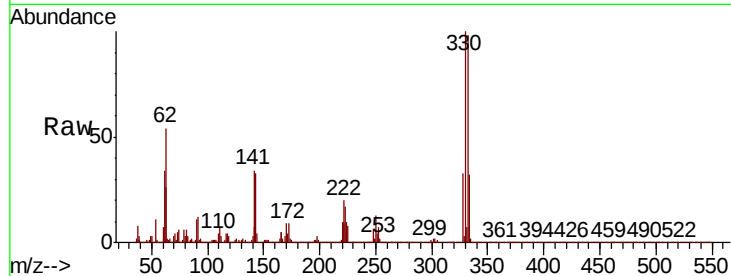




#42
 2,4,6-Tribromophenol
 Concen: 109.143 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002826.D
 Acq: 22 Jul 2020 15:49

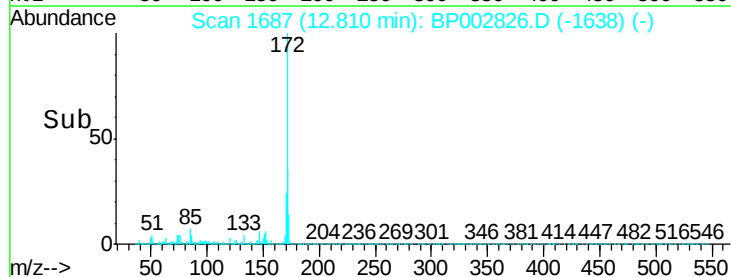
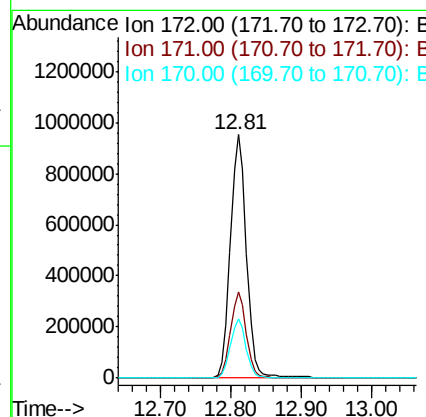
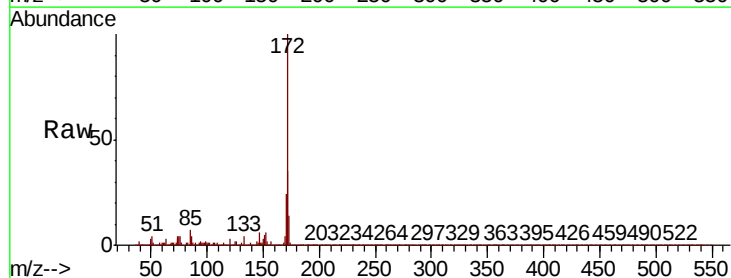
Instrument :
 BNA_P
 ClientSampleId :

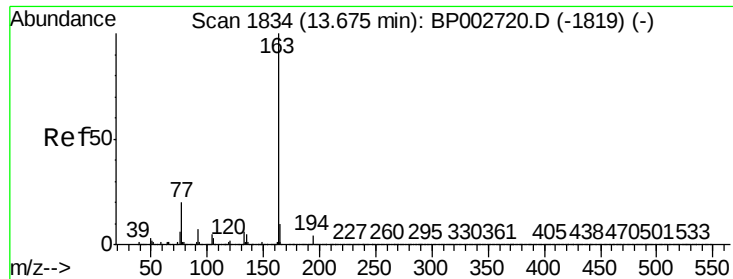
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.5	114.7
141	35.2	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 67.020 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002826.D
 Acq: 22 Jul 2020 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.1	42.1
170	24.1	19.3	28.9

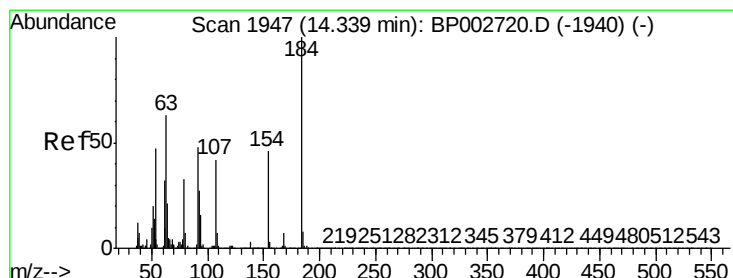
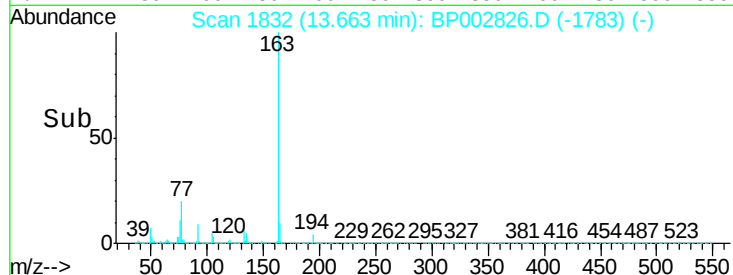
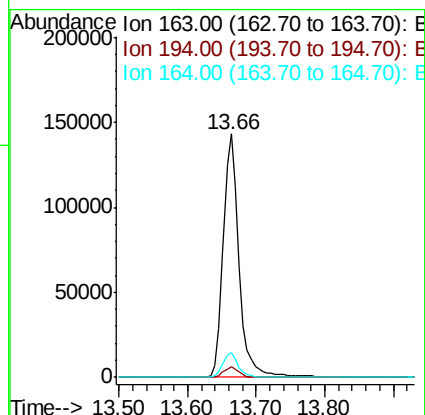
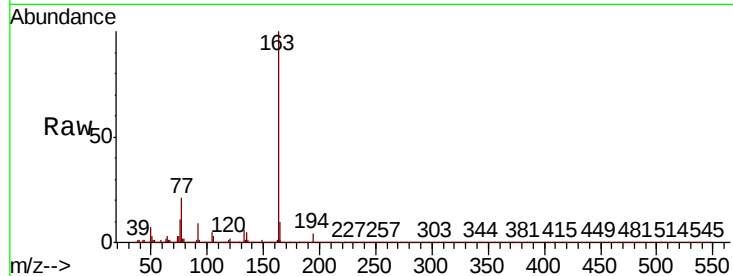




#50
Dimethylphthalate
Concen: 8.568 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

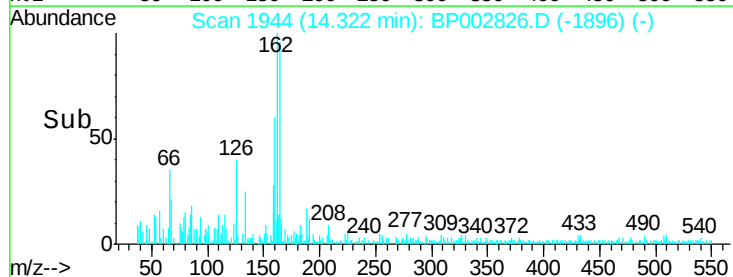
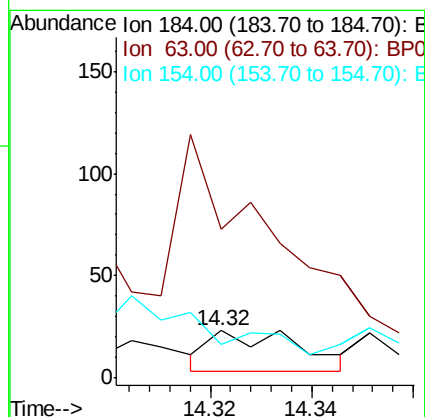
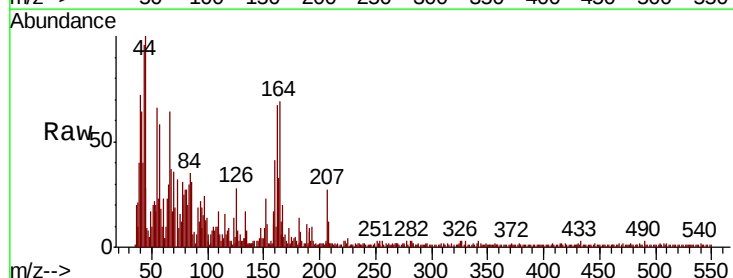
Instrument :
BNA_P
ClientSampleId :

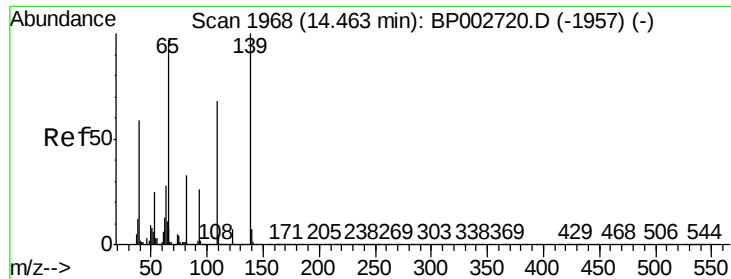
Tot Ion:163 Resp: 228533
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.4 7.8 11.8



#54
2,4-Dinitrophenol
Concen: 11.380 ng
RT: 14.32 min Scan# 1944
Delta R.T. -0.02 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

Tgt Ion:184 Resp: 24
Ion Ratio Lower Upper
184 100
63 317.4 51.6 77.4#
154 69.6 45.0 67.6#

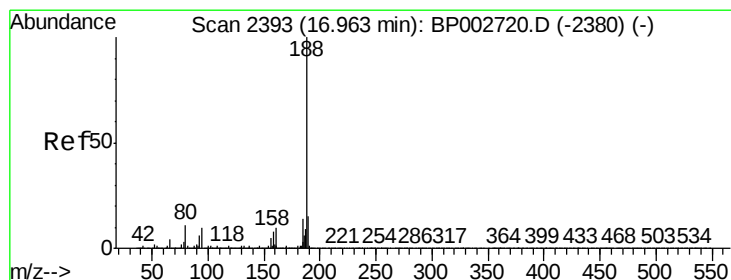
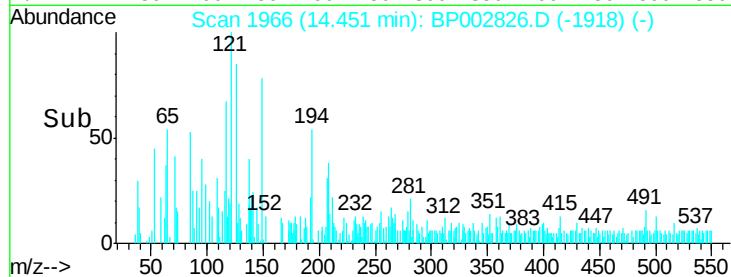
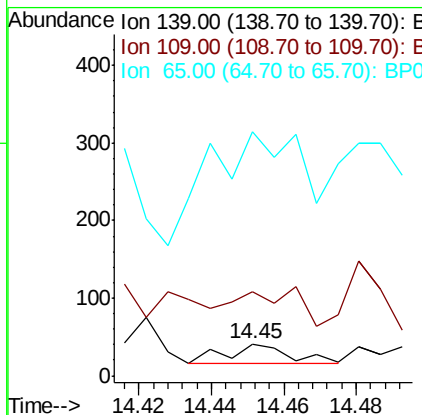
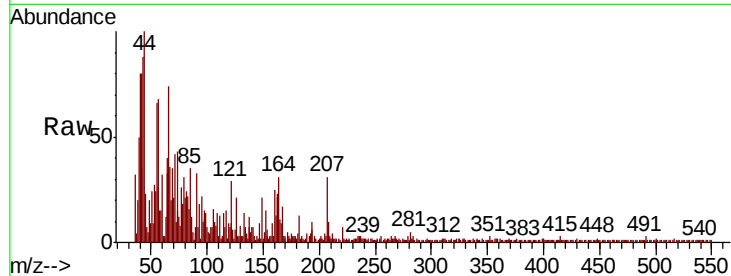




#56
4-Nitrophenol
Concen: 4.977 ng
RT: 14.45 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

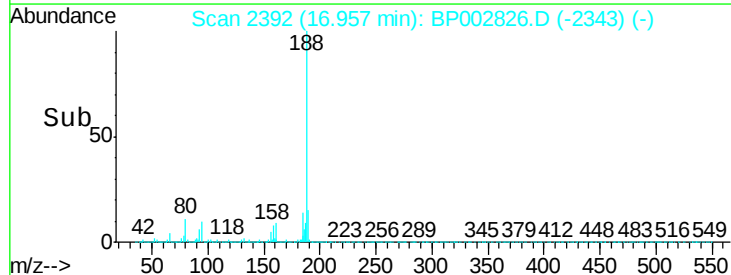
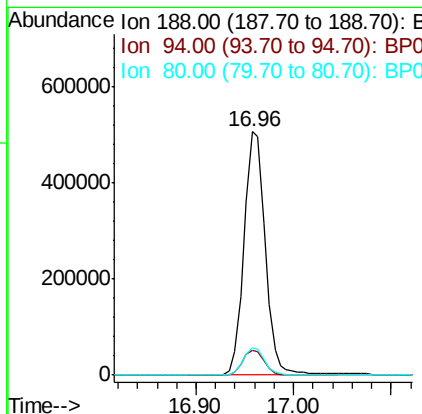
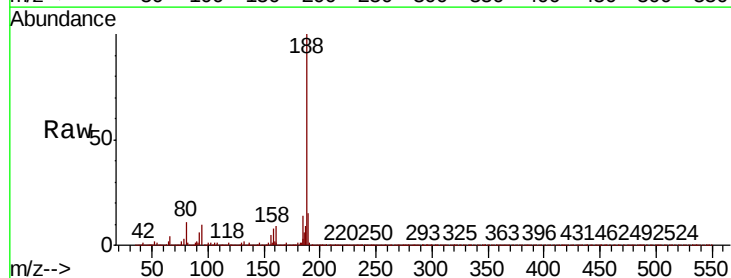
Instrument :
BNA_P
ClientSampleID :

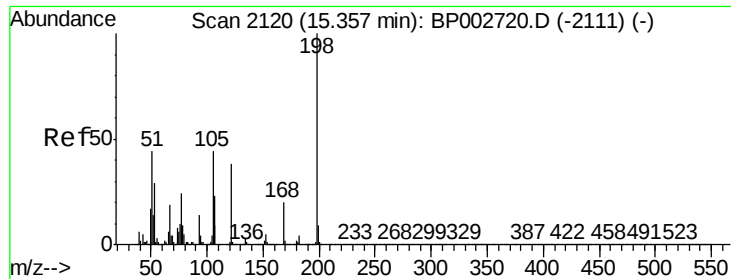
Tot Ion:139 Resp: 30
Ion Ratio Lower Upper
139 100
109 263.4 48.1 88.1#
65 765.9 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

Tgt Ion:188 Resp: 764280
Ion Ratio Lower Upper
188 100
94 10.4 8.1 12.1
80 11.4 8.9 13.3

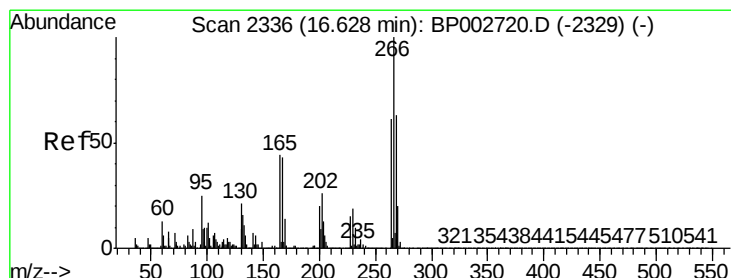
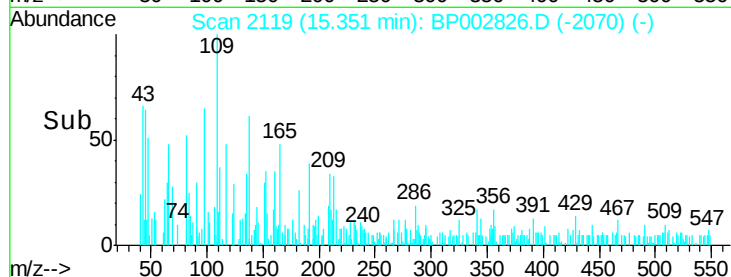
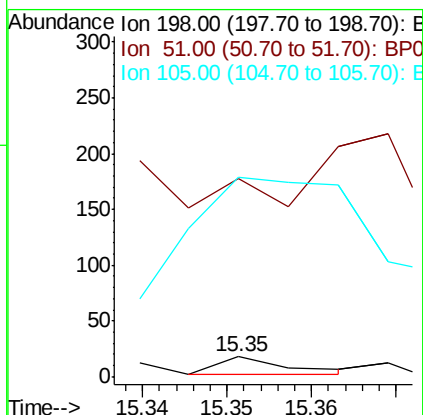
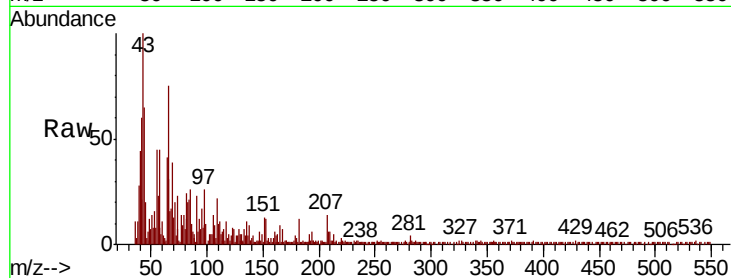




#65
4,6-Dinitro-2-methylphenol
Concen: 5.268 ng
RT: 15.35 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

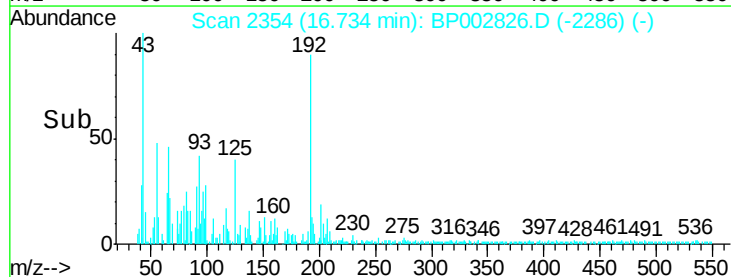
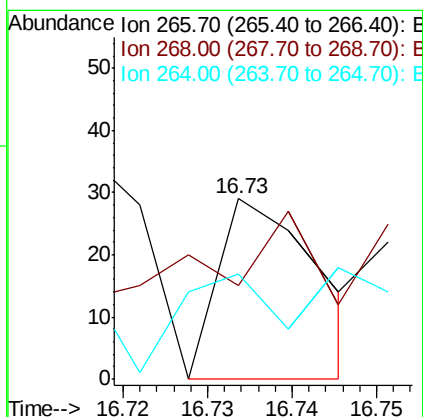
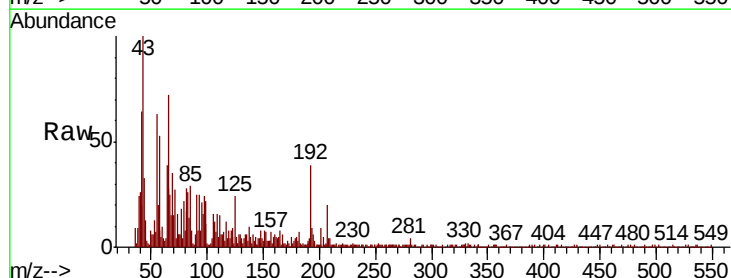
Instrument :
BNA_P
ClientSampled :

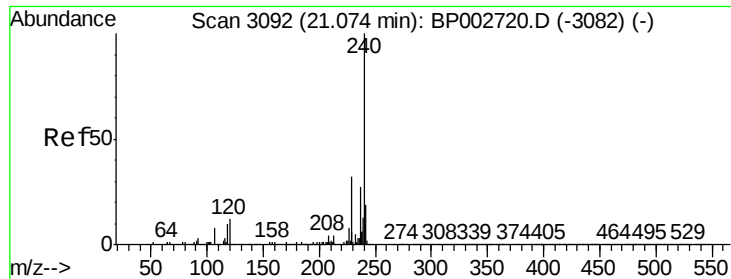
Tot Ion:198 Resp: 10
Ion Ratio Lower Upper
198 100
51 988.9 27.1 67.1#
105 994.4 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.446 ng
RT: 16.73 min Scan# 2354
Delta R.T. 0.10 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

Tgt Ion:266 Resp: 24
Ion Ratio Lower Upper
266 100
268 51.7 50.6 75.8
264 58.6 48.6 72.8

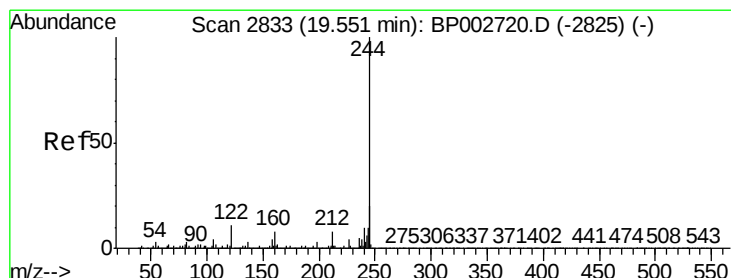
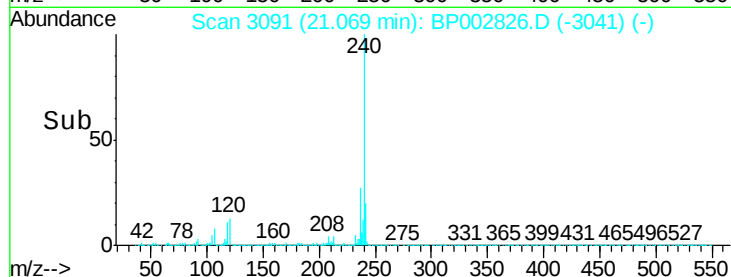
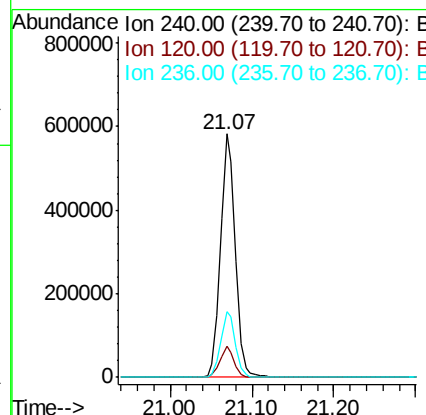
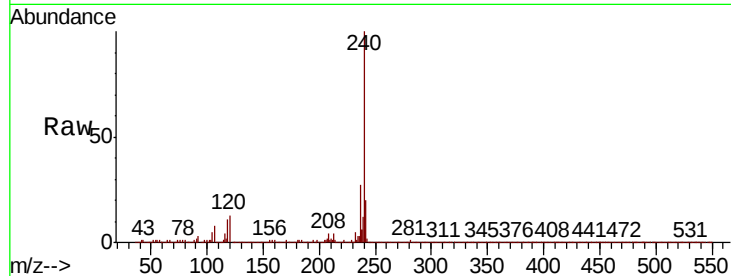




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BP002826.D
 Acq: 22 Jul 2020 15:49

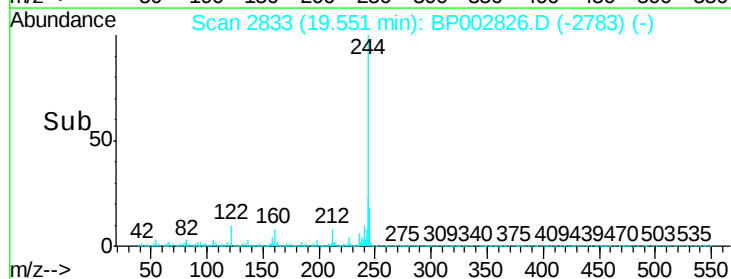
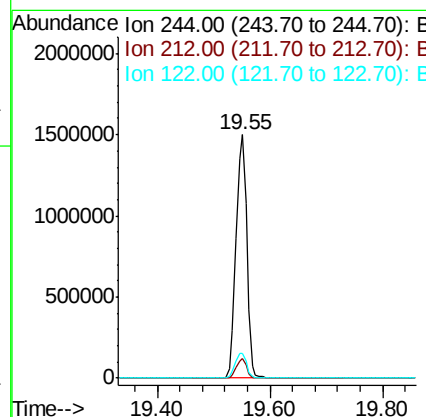
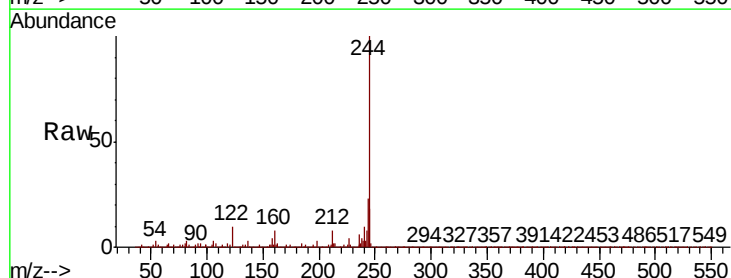
Instrument :
 BNA_P
 ClientSampleId :

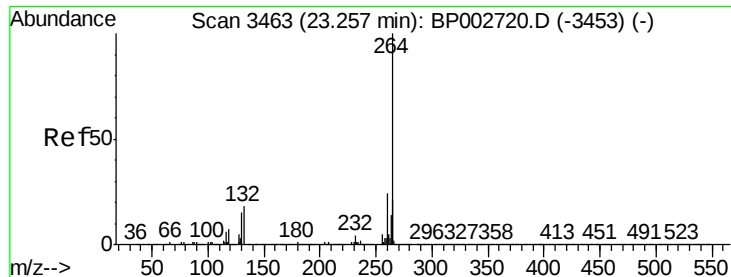
Tot Ion:240 Resp: 734859
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.4 14.2
 236 27.1 21.3 31.9



#79
 Terphenyl-d14
 Concen: 63.046 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002826.D
 Acq: 22 Jul 2020 15:49

Tgt Ion:244 Resp: 2020753
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 10.0 8.9 13.3

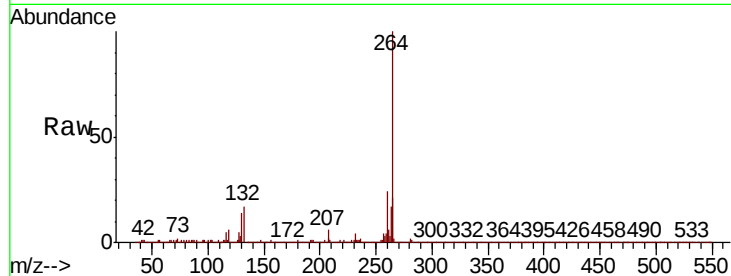




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002826.D
Acq: 22 Jul 2020 15:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.3	28.9
265	21.3	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

