

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002823.D
 Acq On : 22 Jul 2020 13:54
 Operator : CG/JU
 Sample : PB130369BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 22 15:14:50 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

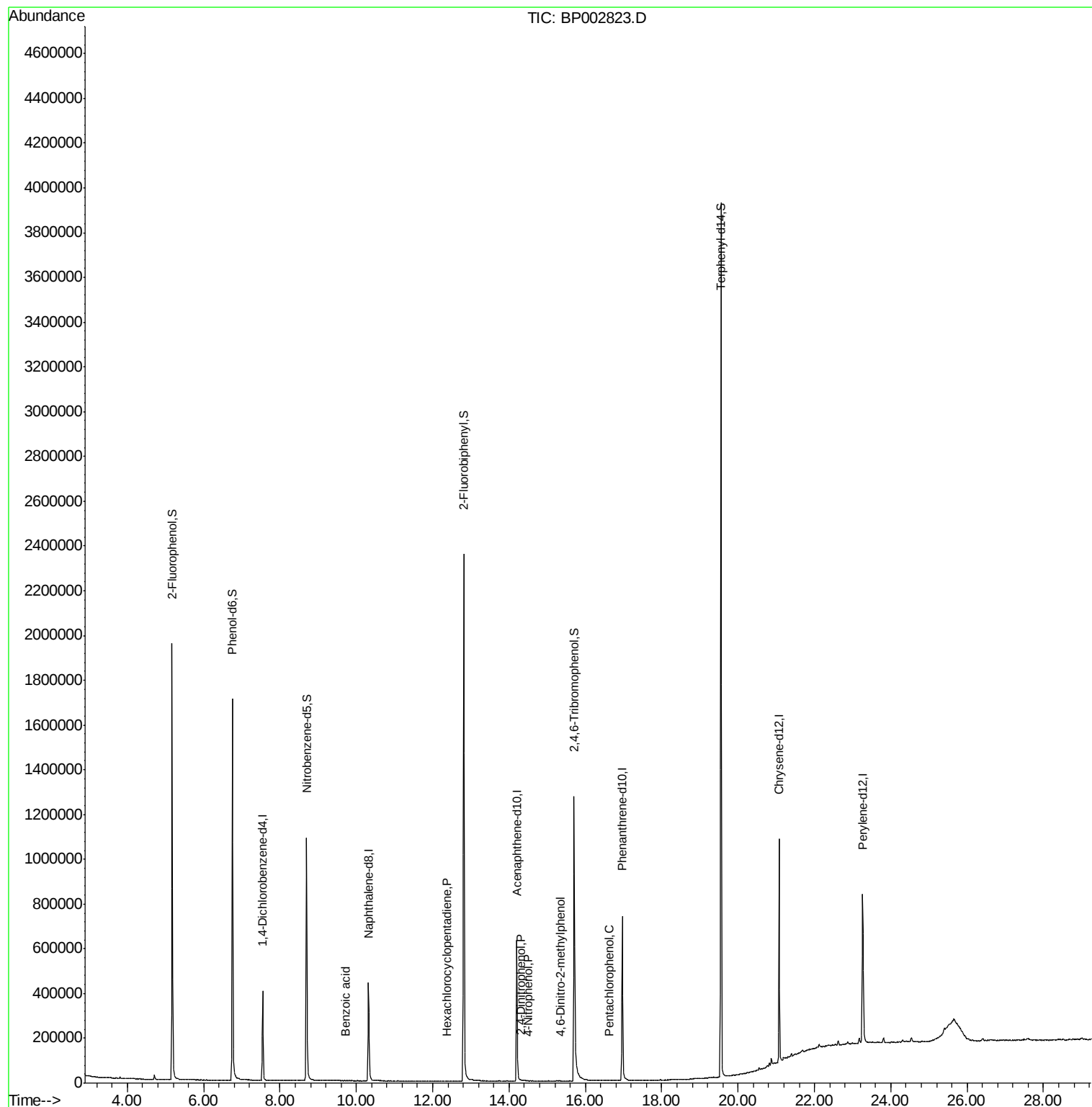
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	105362	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	400011	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	234121	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	504844	20.00	ng	0.00
76) Chrysene-d12	21.07	240	484716	20.00	ng	0.00
86) Perylene-d12	23.26	264	501818	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	854648	136.86	ng	0.00
7) Phenol-d6	6.75	99	1078655	121.03	ng	0.00
23) Nitrobenzene-d5	8.69	82	691249	92.42	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	323521	132.38	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1333884	88.14	ng	-0.01
79) Terphenyl-d14	19.55	244	1747141	82.64	ng	0.00
Target Compounds						
32) Benzoic acid	9.72	122	10	7.064	ng	# 1
41) Hexachlorocyclopentadiene	12.37	237	9	7.437	ng	# 91
54) 2,4-Dinitrophenol	14.32	184	21	11.382	ng	# 85
56) 4-Nitrophenol	14.49	139	35	4.981	ng	# 5
65) 4,6-Dinitro-2-methylphenol	15.34	198	17	5.271	ng	# 1
70) Pentachlorophenol	16.61	266	23	7.449	ng	# 90

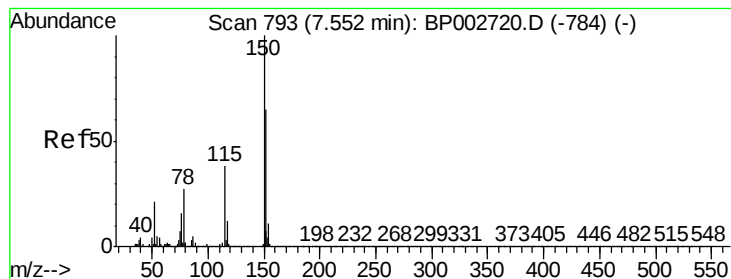
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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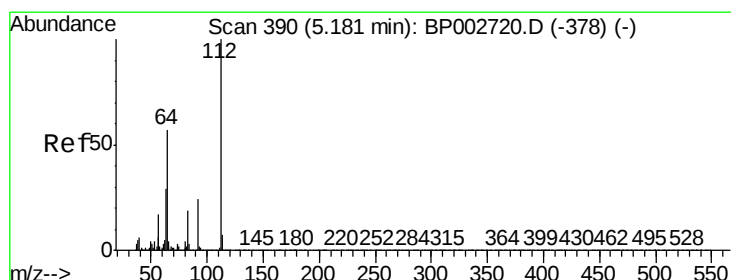
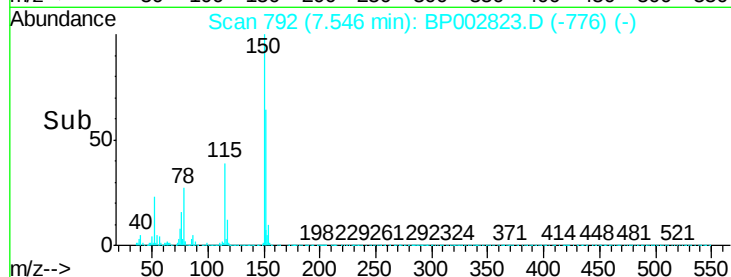
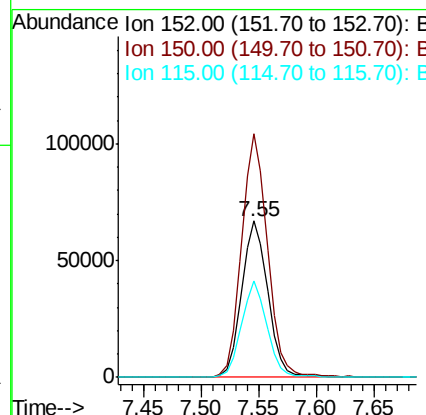
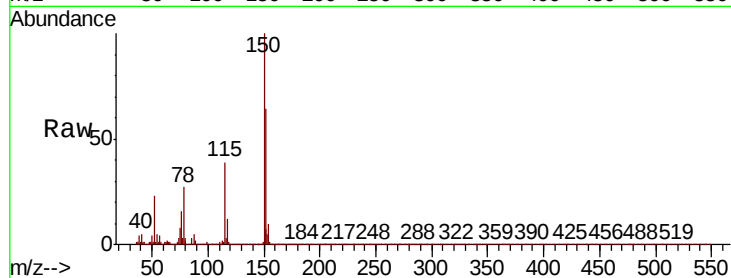


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002823.D
Acq: 22 Jul 2020 13:54

Instrument :
BNA_P
ClientSampleId :

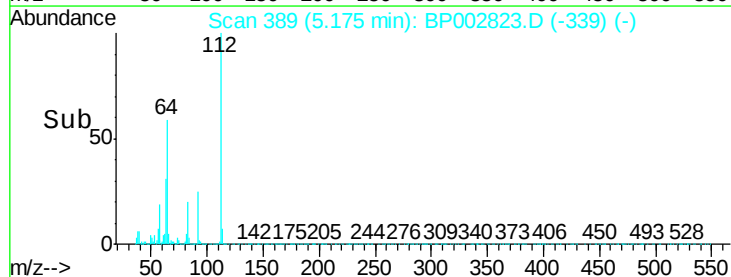
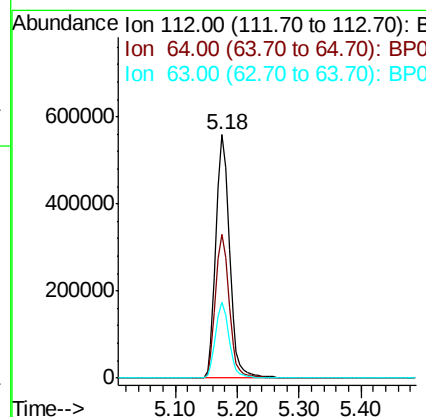
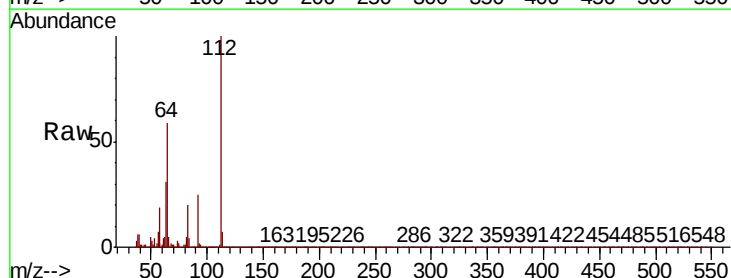
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.9	123.7	185.5
115	61.6	47.2	70.8

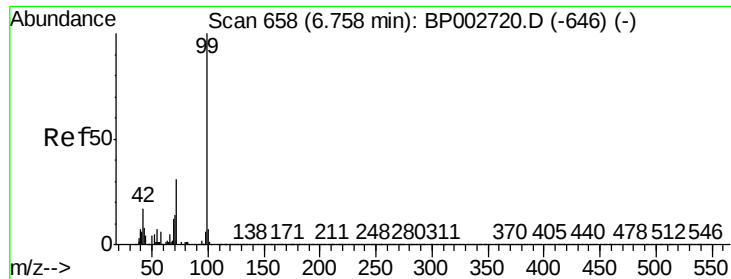


#5

2-Fluorophenol
Concen: 136.857 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002823.D
Acq: 22 Jul 2020 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	45.6	68.4
63	31.2	23.5	35.3





#7

Phenol-d6

Concen: 121.028 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002823.D

Acq: 22 Jul 2020 13:54

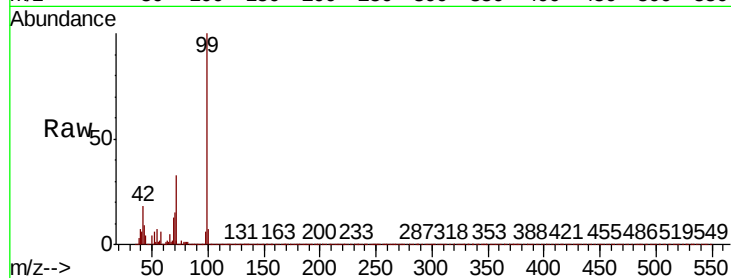
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1078655

Ion	Ratio	Lower	Upper
99	100		
42	17.8	13.4	20.2
71	32.6	24.6	36.8

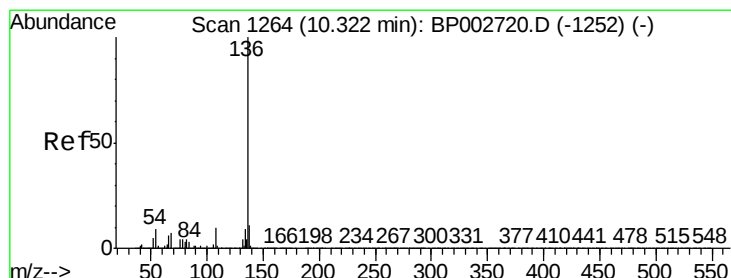
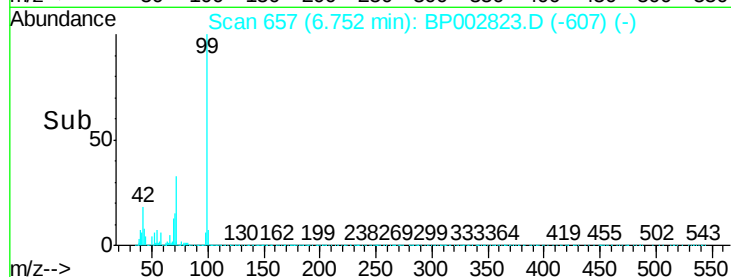
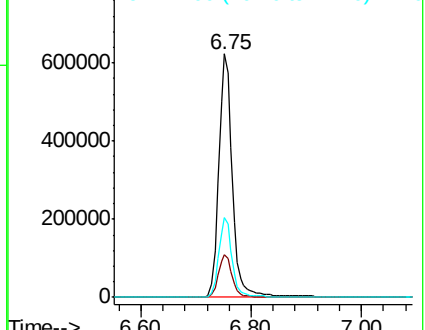


Abundance

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

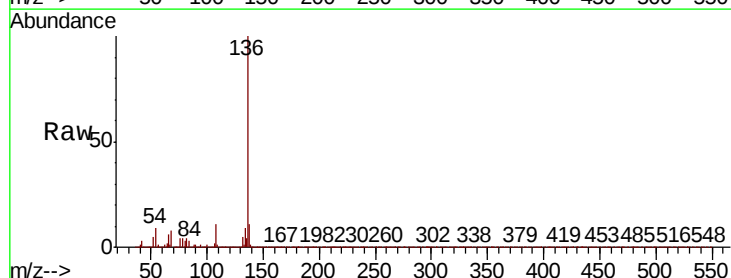
Delta R.T. -0.01 min

Lab File: BP002823.D

Acq: 22 Jul 2020 13:54

Tgt Ion: 136 Resp: 400011

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	9.3	6.9	10.3
68	7.9	5.7	8.5



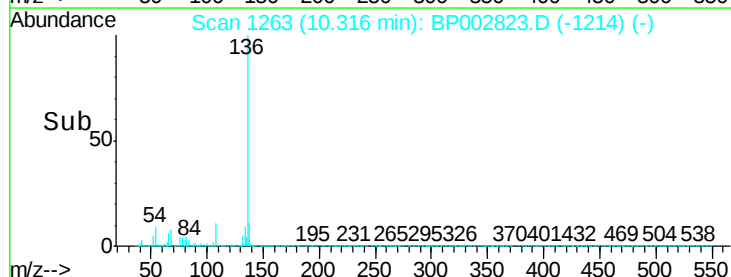
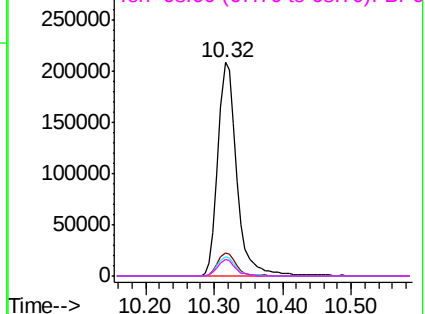
Abundance

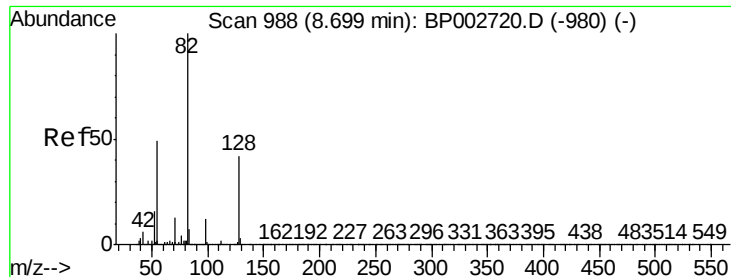
Ion 136.00 (135.70 to 136.70): E

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

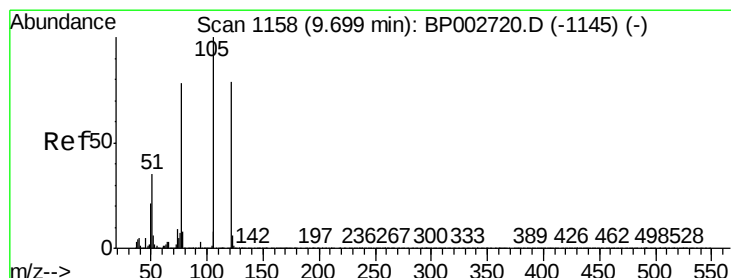
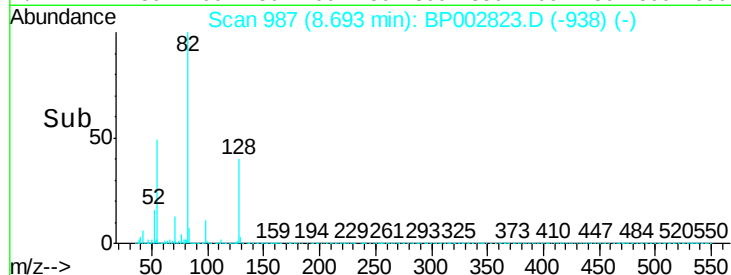
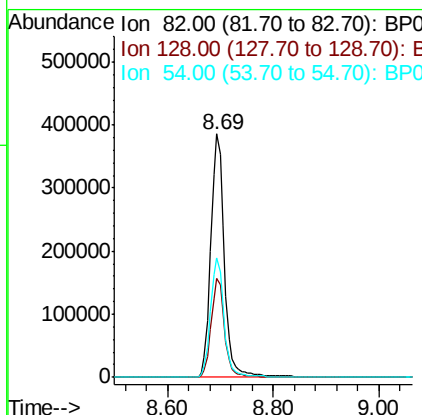
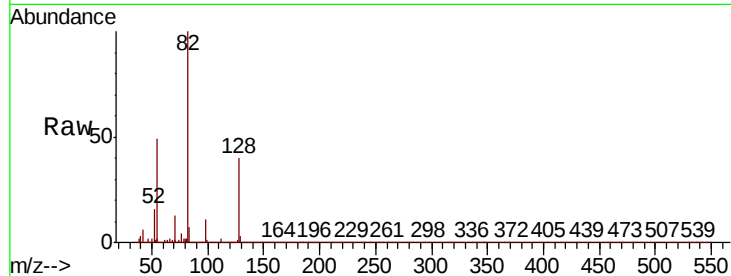




#23
Nitrobenzene-d5
Concen: 92.424 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002823.D
Acq: 22 Jul 2020 13:54

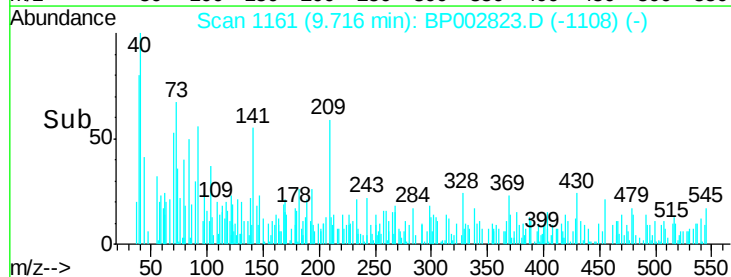
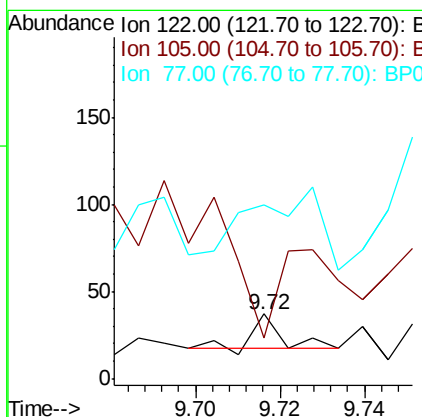
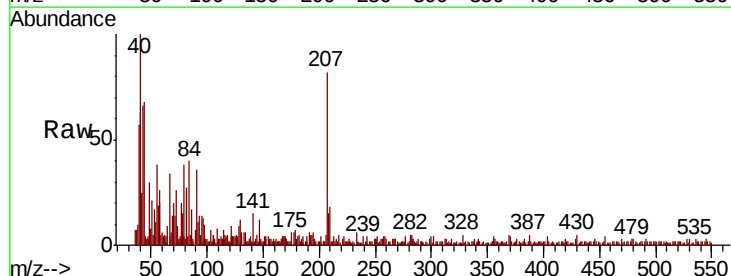
Instrument :
BNA_P
ClientSampleId :

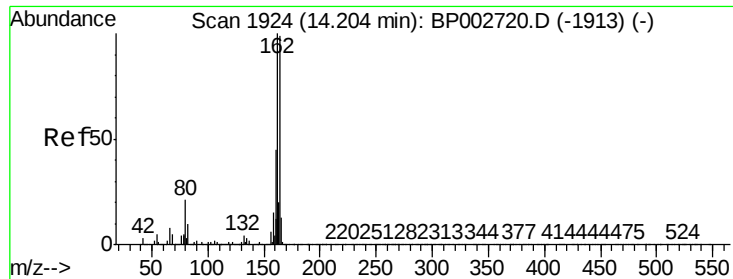
Tot Ion	82	Resp	691249
Ion Ratio	Lower	Upper	
82	100		
128	40.5	33.8	50.8
54	49.0	38.8	58.2



#32
Benzoic acid
Concen: 7.064 ng
RT: 9.72 min Scan# 1161
Delta R.T. 0.01 min
Lab File: BP002823.D
Acq: 22 Jul 2020 13:54

Tgt Ion	122	Resp	10
Ion Ratio	Lower	Upper	
122	100		
105	62.2	105.4	145.4#
77	270.3	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: BP002823.D

Acq: 22 Jul 2020 13:54

Instrument :

BNA_P

ClientSampleId :

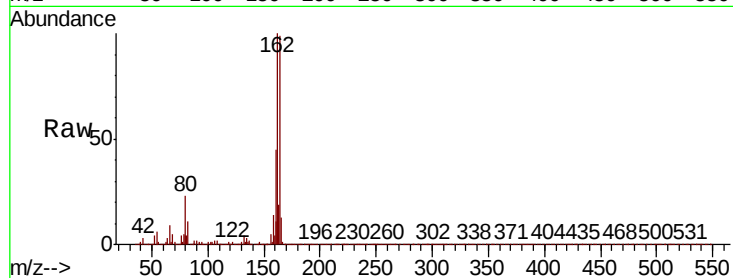
Tot Ion:164 Resp: 234121

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

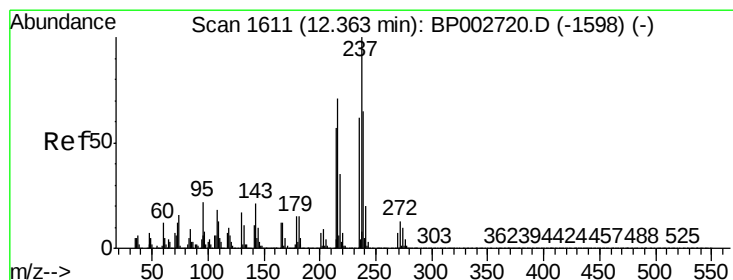
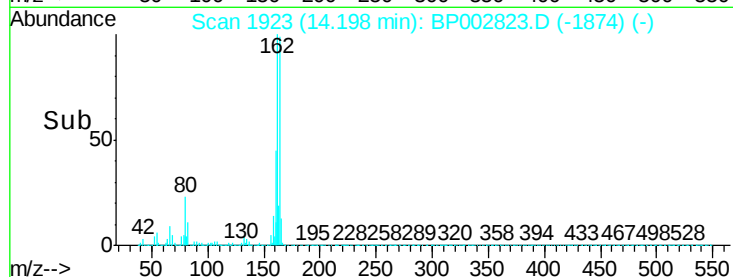
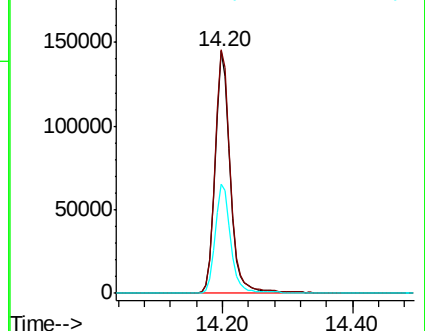
160 45.0 36.4 54.6



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: 7.437 ng

RT: 12.37 min Scan# 1612

Delta R.T. 0.01 min

Lab File: BP002823.D

Acq: 22 Jul 2020 13:54

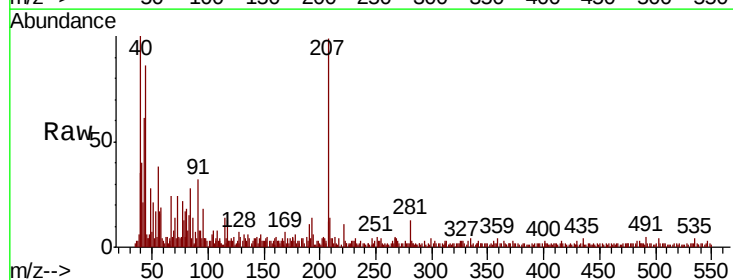
Tgt Ion:237 Resp: 9

Ion Ratio Lower Upper

237 100

235 58.8 42.3 82.3

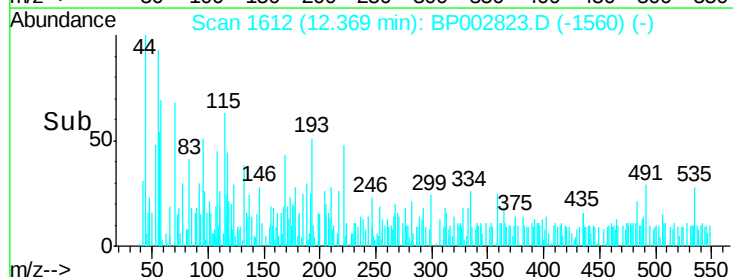
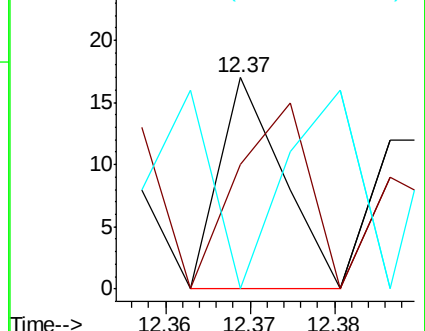
272 0.0 0.0 32.5

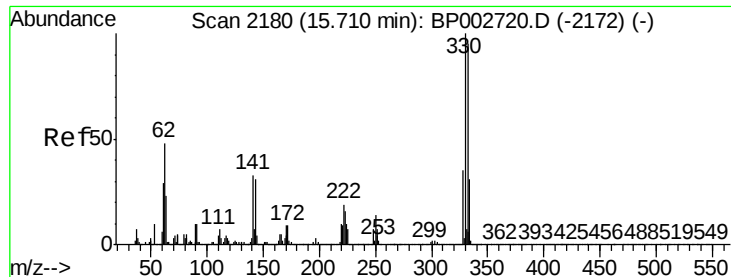


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

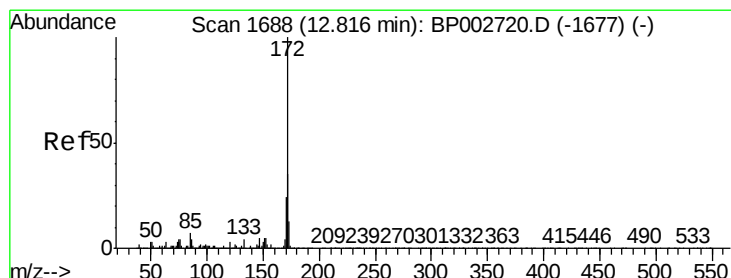
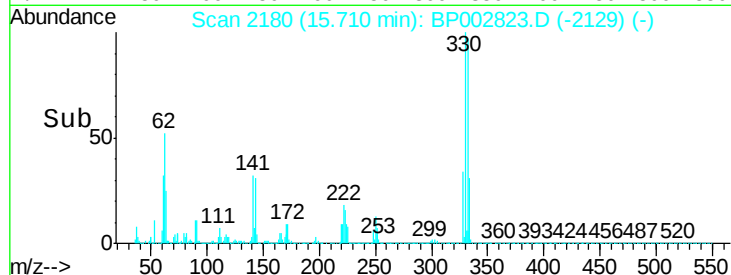
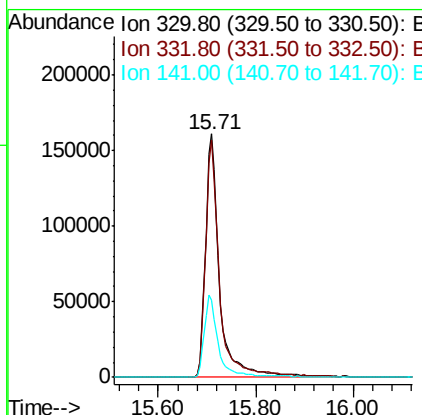
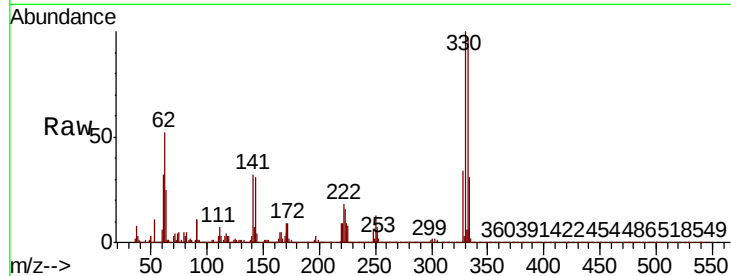




#42
 2,4,6-Tribromophenol
 Concen: 132.382 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002823.D
 Acq: 22 Jul 2020 13:54

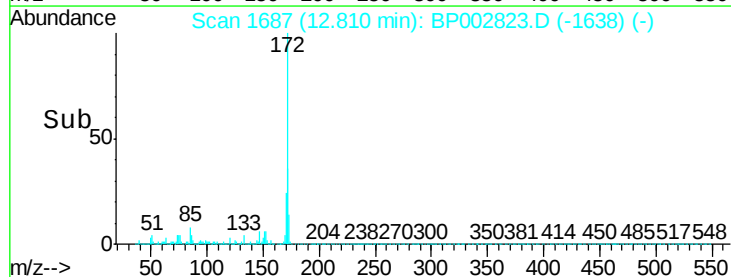
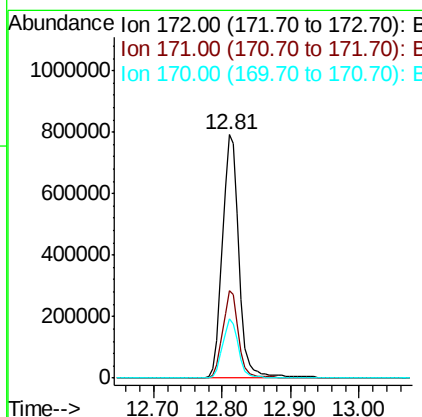
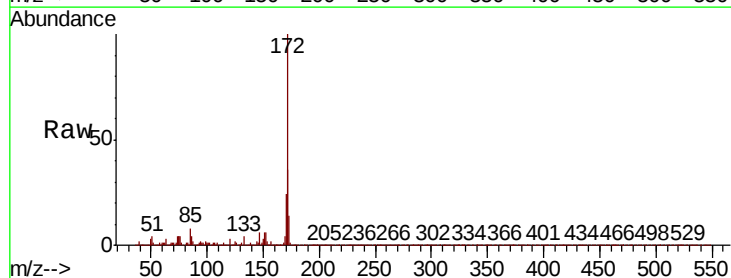
Instrument :
 BNA_P
 ClientSampleId :

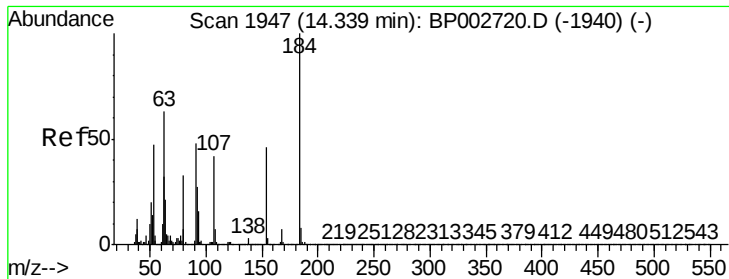
Tot Ion:330 Resp: 323521
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.5 114.7
 141 34.3 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 88.138 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002823.D
 Acq: 22 Jul 2020 13:54

Tgt Ion:172 Resp: 1333884
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.1 42.1
 170 24.1 19.3 28.9

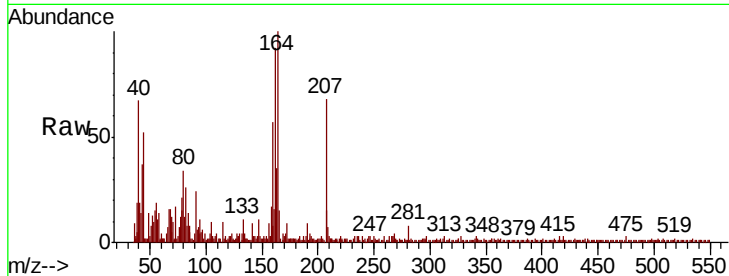




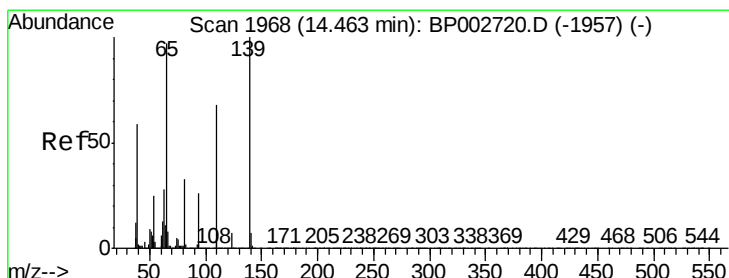
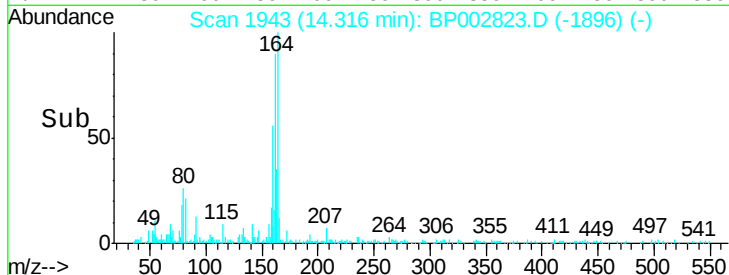
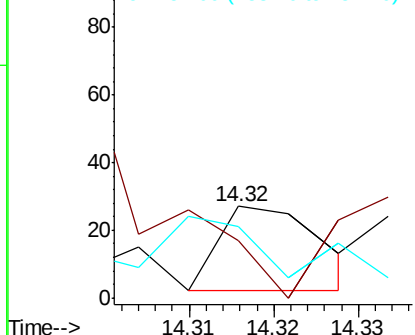
#54
2,4-Dinitrophenol
Concen: 11.382 ng
RT: 14.32 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BP002823.D
Acq: 22 Jul 2020 13:54

Instrument :
BNA_P
ClientSampled :

Tot Ion:184 Resp: 21
Ion Ratio Lower Upper
184 100
63 63.0 51.6 77.4
154 77.8 45.0 67.6#

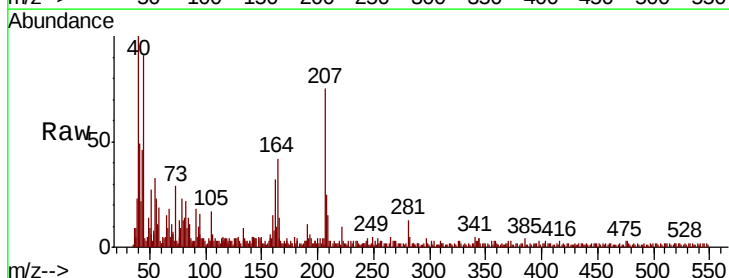


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BP0
Ion 154.00 (153.70 to 154.70): E

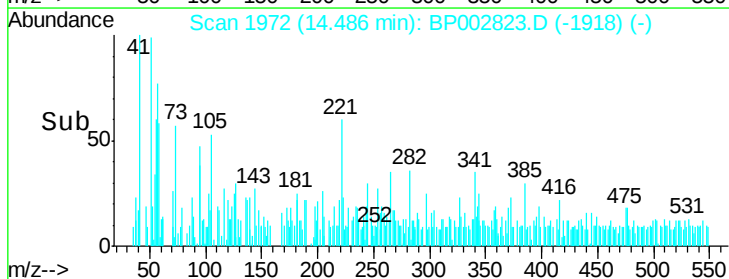
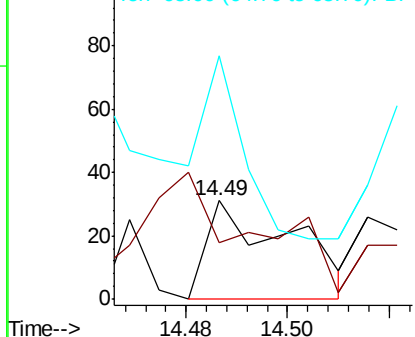


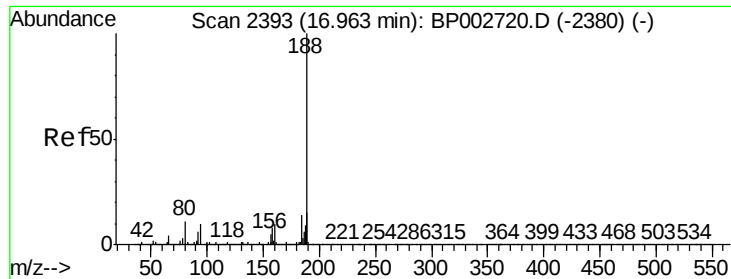
#56
4-Nitrophenol
Concen: 4.981 ng
RT: 14.49 min Scan# 1972
Delta R.T. 0.02 min
Lab File: BP002823.D
Acq: 22 Jul 2020 13:54

Tgt Ion:139 Resp: 35
Ion Ratio Lower Upper
139 100
109 58.1 48.1 88.1
65 248.4 77.9 117.9#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BP0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

Lab File: BP002823.D

Acq: 22 Jul 2020 13:54

Instrument :

BNA_P

ClientSampleId :

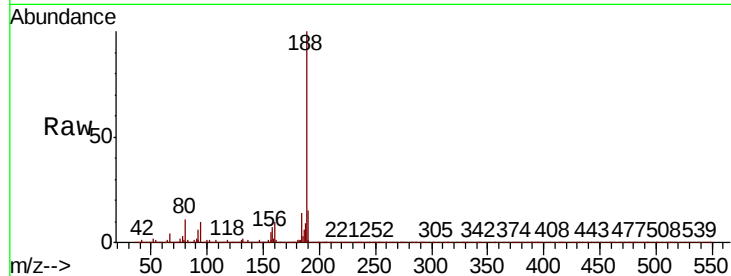
Tot Ion:188 Resp: 504844

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

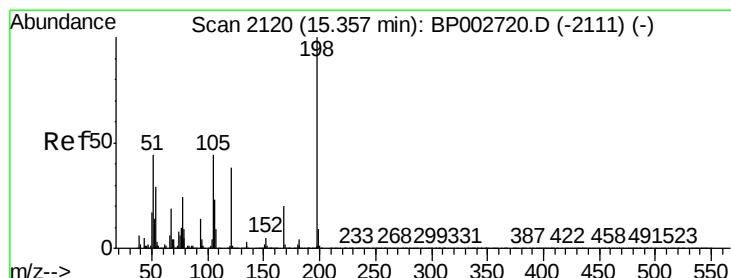
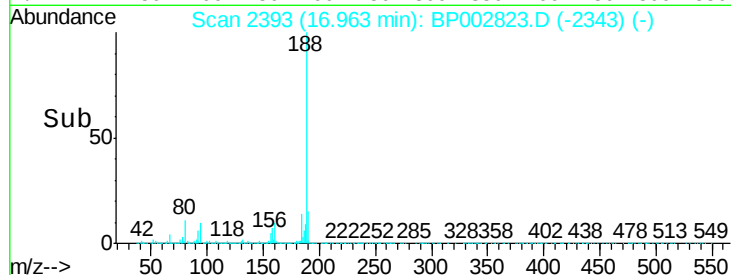
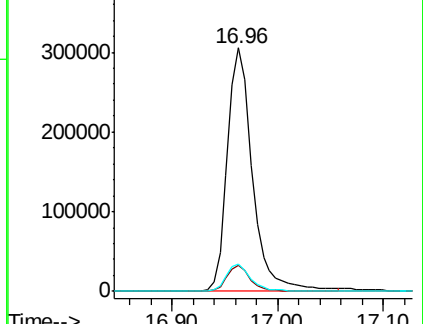
80 11.1 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#65

4,6-Dinitro-2-methylphenol

Concen: 5.271 ng

RT: 15.34 min Scan# 2117

Delta R.T. -0.02 min

Lab File: BP002823.D

Acq: 22 Jul 2020 13:54

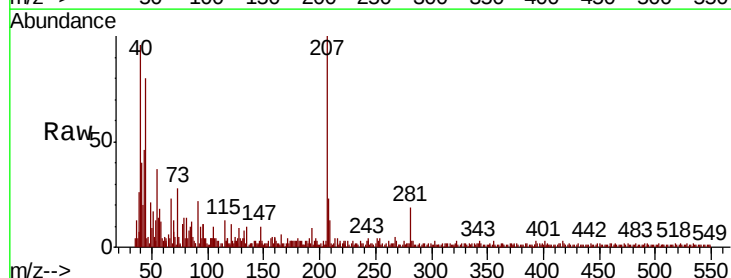
Tgt Ion:198 Resp: 17

Ion Ratio Lower Upper

198 100

51 525.0 27.1 67.1#

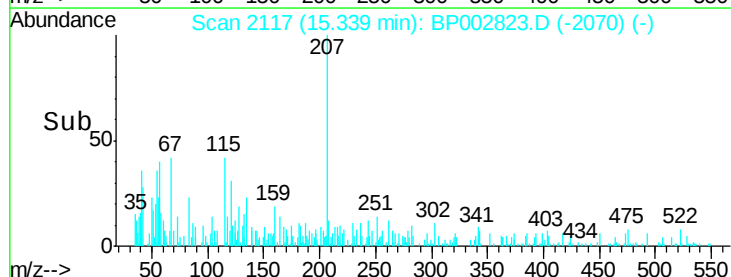
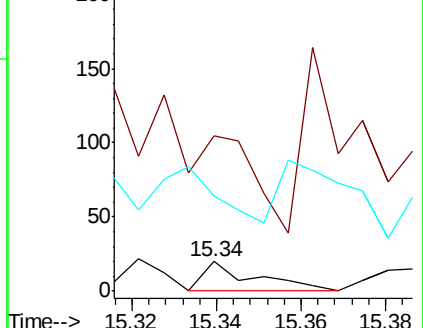
105 320.0 24.9 64.9#

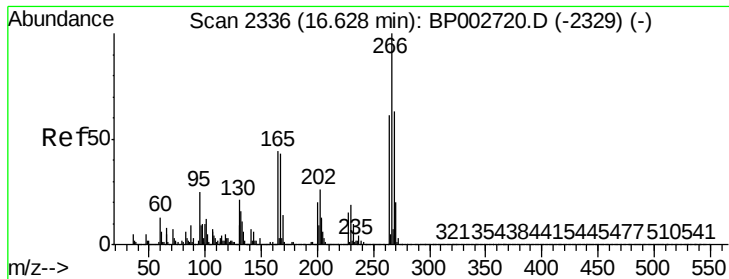


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

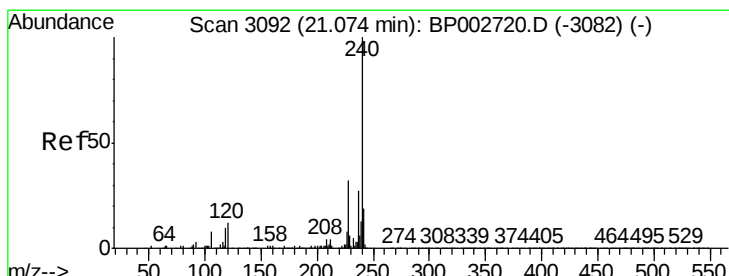
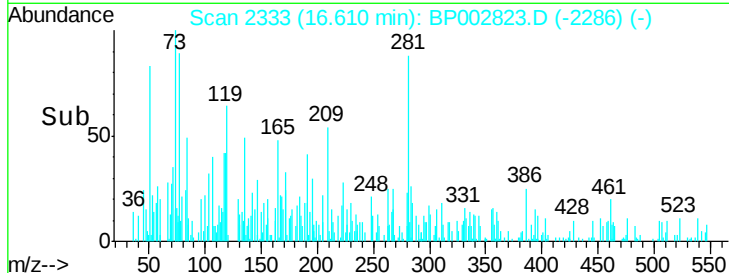
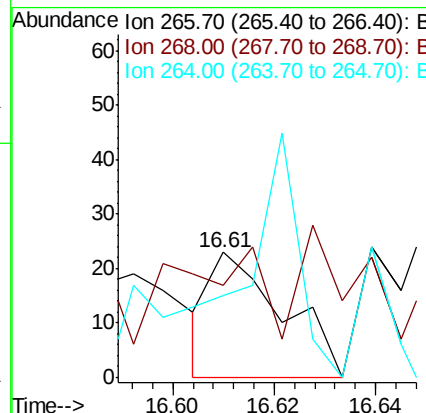
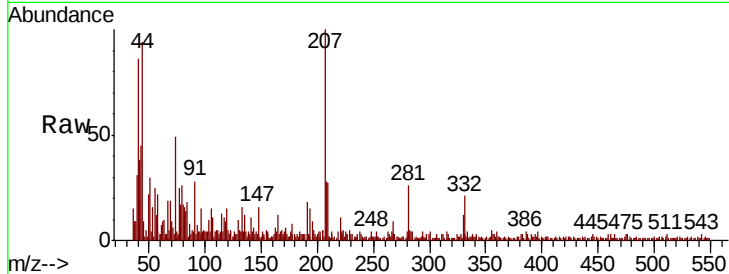




#70
 Pentachlorophenol
 Concen: 7.449 ng
 RT: 16.61 min Scan# 2333
 Delta R.T. -0.02 min
 Lab File: BP002823.D
 Acq: 22 Jul 2020 13:54

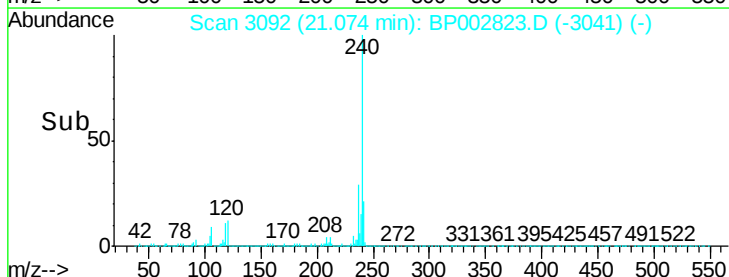
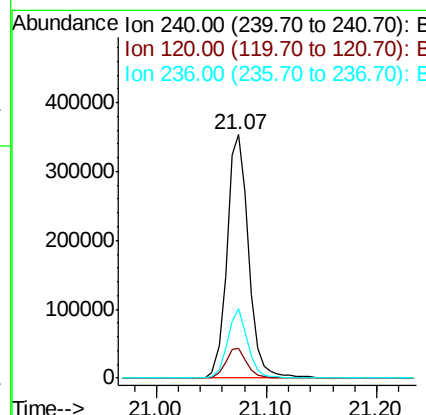
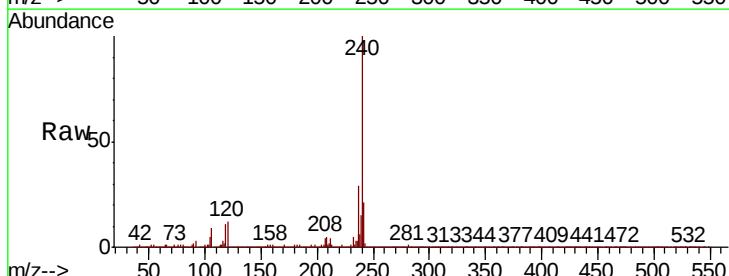
Instrument :
 BNA_P
 ClientSampled :

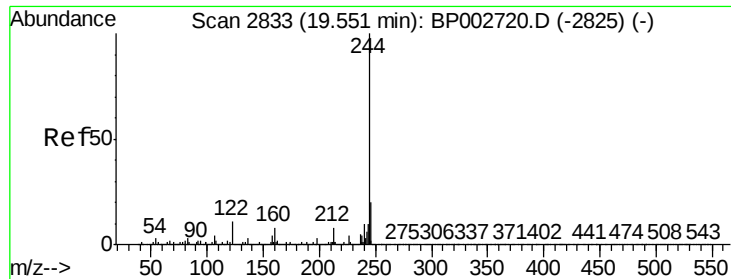
Tot Ion	Ratio	Lower	Upper
266	100		
268	73.9	50.6	75.8
264	65.2	48.6	72.8



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3092
 Delta R.T. 0.00 min
 Lab File: BP002823.D
 Acq: 22 Jul 2020 13:54

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.4	14.2
236	28.7	21.3	31.9





#79

Terphenyl-d14

Concen: 82.640 ng

RT: 19.55 min Scan# 2833

Delta R.T. -0.01 min

Lab File: BP002823.D

Acq: 22 Jul 2020 13:54

Instrument :

BNA_P

ClientSampleId :

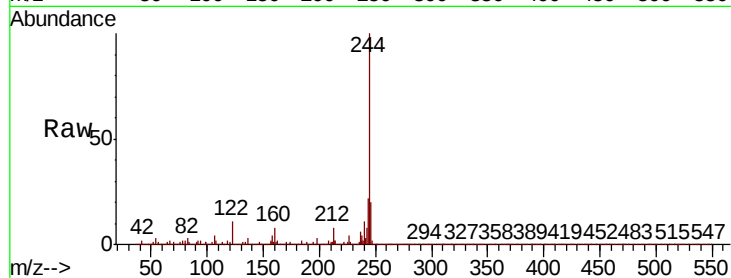
Tot Ion:244 Resp: 1747141

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

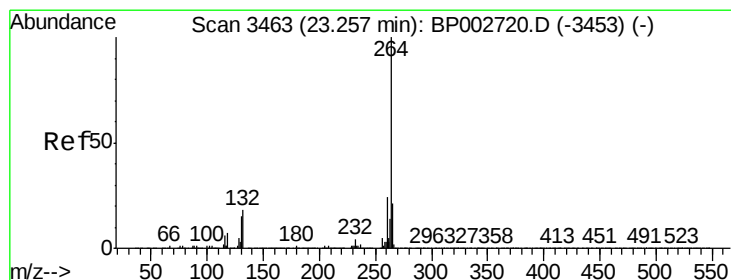
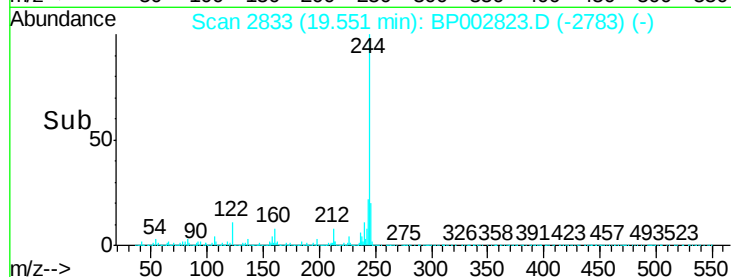
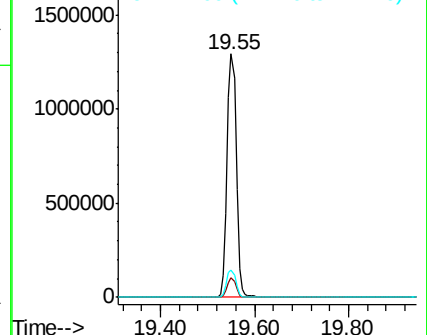
122 11.1 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.26 min Scan# 3464

Delta R.T. 0.00 min

Lab File: BP002823.D

Acq: 22 Jul 2020 13:54

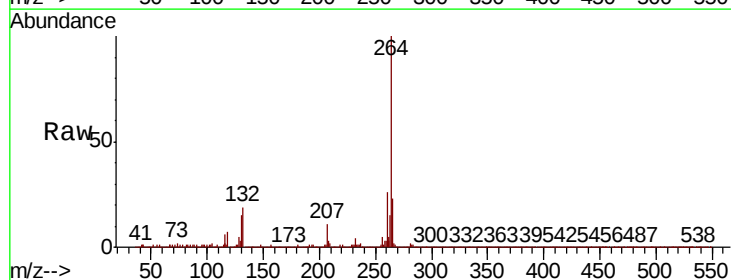
Tgt Ion:264 Resp: 501818

Ion Ratio Lower Upper

264 100

260 26.4 19.3 28.9

265 22.8 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

