

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002819.D
 Acq On : 21 Jul 2020 18:03
 Operator : CG/JU
 Sample : L3323-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 223-224

Quant Time: Jul 21 18:40:21 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

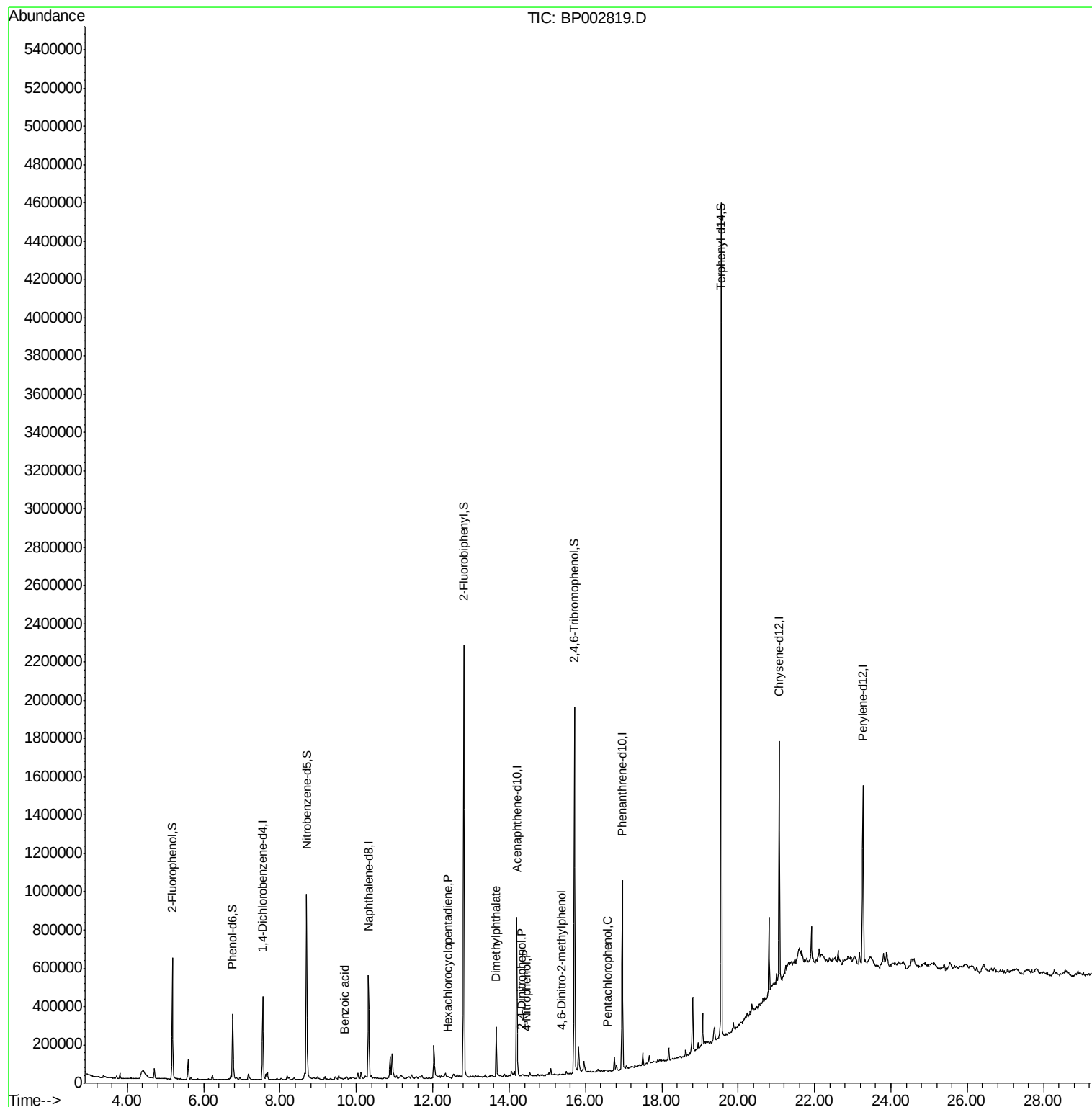
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	118695	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	454069	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	283621	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	611424	20.00	ng	0.00
76) Chrysene-d12	21.07	240	619283	20.00	ng	0.00
86) Perylene-d12	23.26	264	662131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	297276	42.26	ng	0.00
7) Phenol-d6	6.76	99	226355	22.54	ng	0.00
23) Nitrobenzene-d5	8.69	82	587440	69.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	425683	143.79	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	1253960	68.40	ng	-0.01
79) Terphenyl-d14	19.55	244	1947247	72.09	ng	0.00
Target Compounds						
32) Benzoic acid	9.69	122	72	7.074	ng	# 1
41) Hexachlorocyclopentadiene	12.39	237	24	7.440	ng	87
50) Dimethylphthalate	13.66	163	175353	8.107	ng	100
54) 2,4-Dinitrophenol	14.33	184	34	11.385	ng	# 1
56) 4-Nitrophenol	14.45	139	121	4.999	ng	# 15
65) 4,6-Dinitro-2-methylphenol	15.37	198	34	5.275	ng	# 1
70) Pentachlorophenol	16.57	266	72	7.461	ng	92

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

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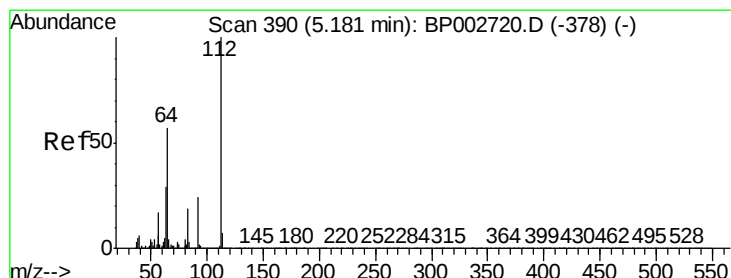
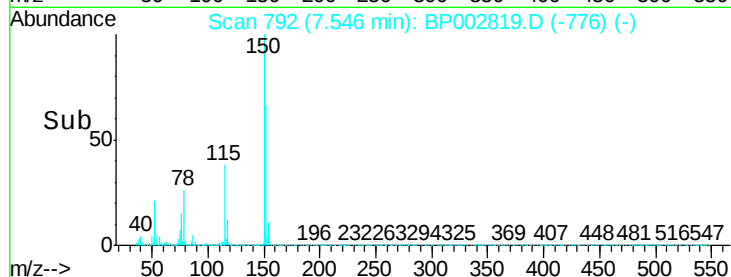
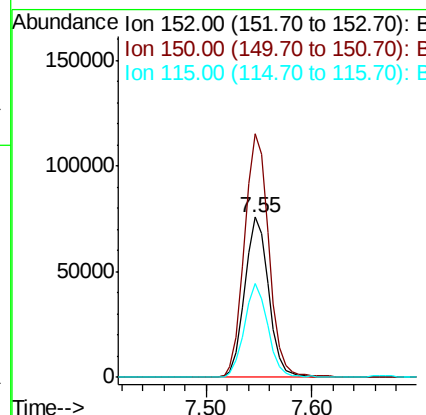
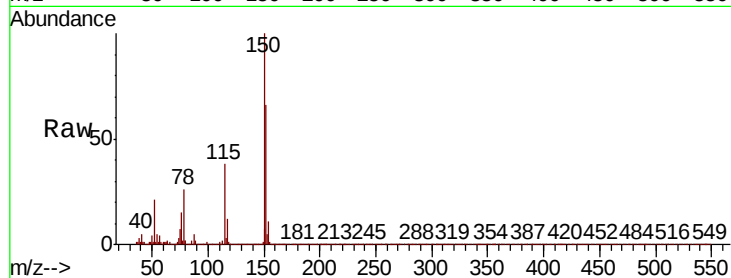


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

Instrument :
BNA_P
ClientSampled :
223-224

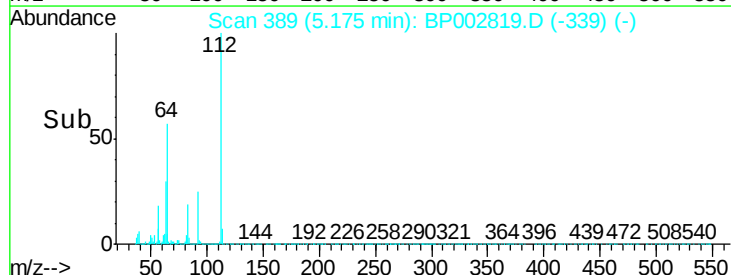
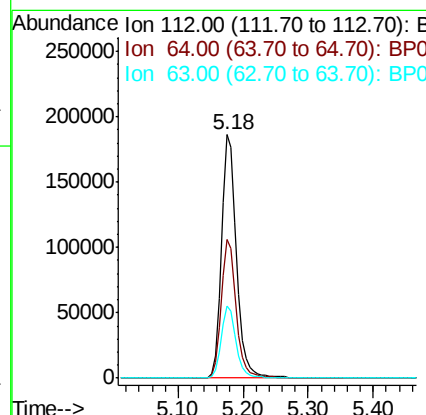
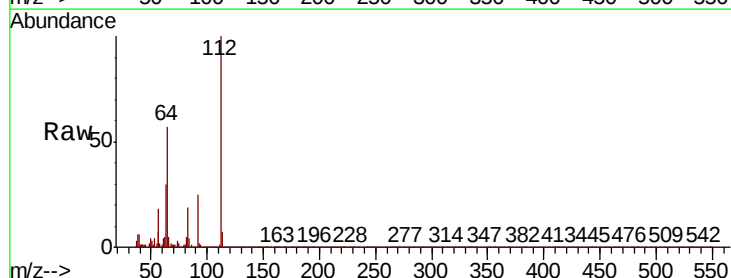
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	123.7	185.5
115	58.5	47.2	70.8

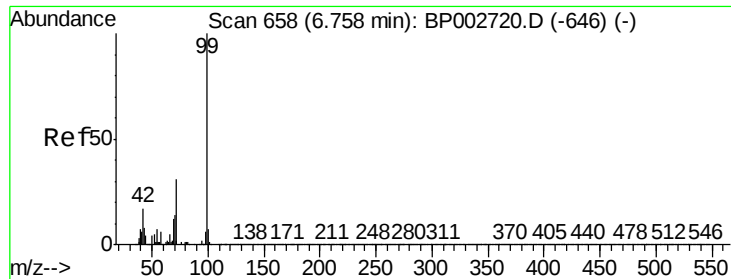


#5

2-Fluorophenol
Concen: 42.256 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	45.6	68.4
63	29.7	23.5	35.3





#7

Phenol-d6

Concen: 22.545 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002819.D

Acq: 21 Jul 2020 18:03

Instrument :

BNA_P

ClientSampleId :

223-224

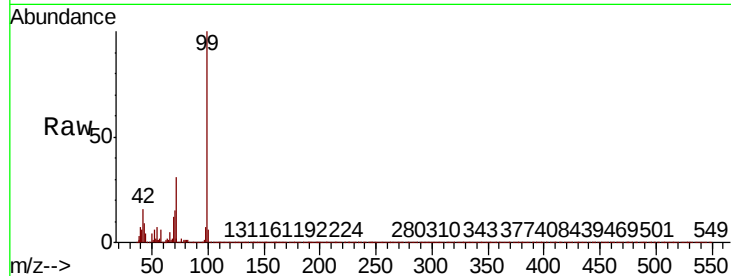
Tot Ion: 99 Resp: 226355

Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.4	20.2
71	31.2	24.6	36.8

99 100

42 16.5 13.4 20.2

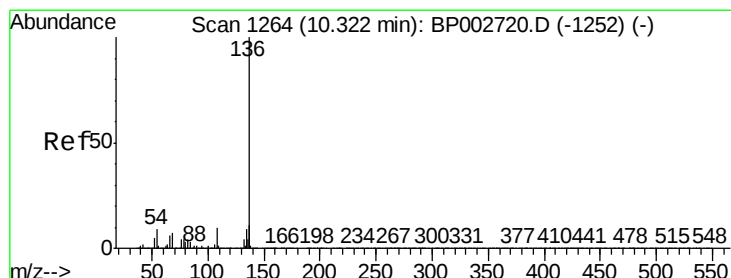
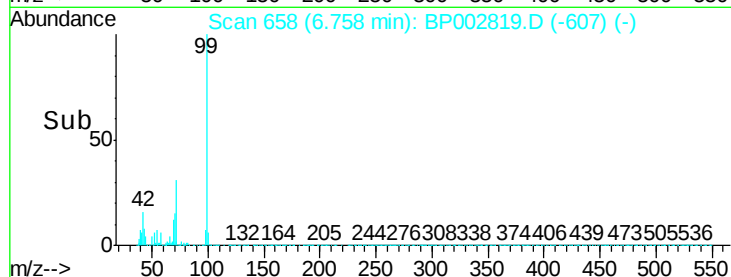
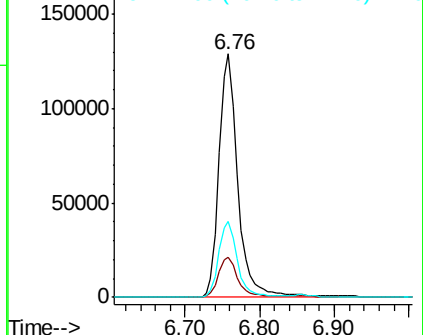
71 31.2 24.6 36.8



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: BP002819.D

Acq: 21 Jul 2020 18:03

Tgt Ion: 136 Resp: 454069

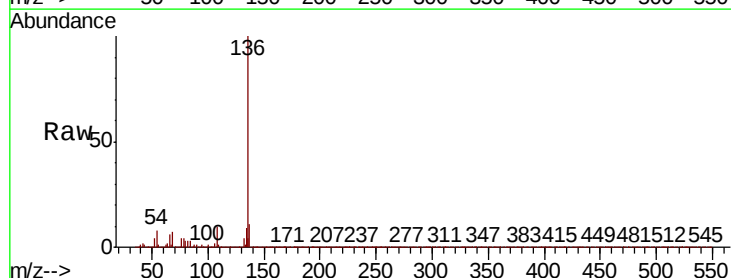
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.0	6.9	10.3
68	6.7	5.7	8.5

136 100

137 10.7 8.6 13.0

54 8.0 6.9 10.3

68 6.7 5.7 8.5

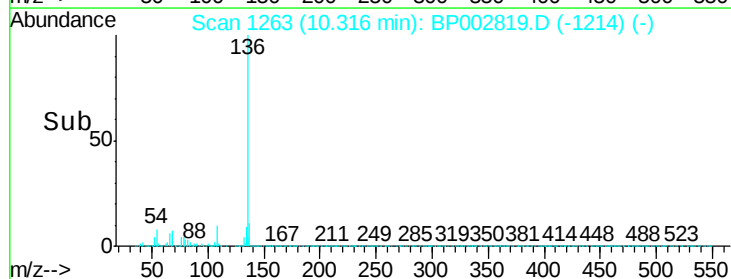
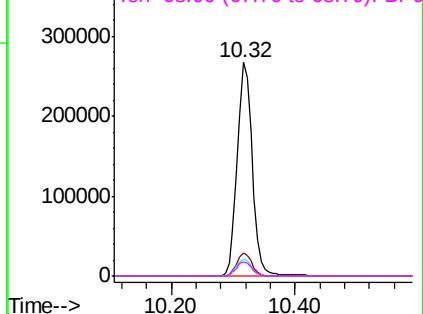


Abundance Ion 136.00 (135.70 to 136.70): E

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

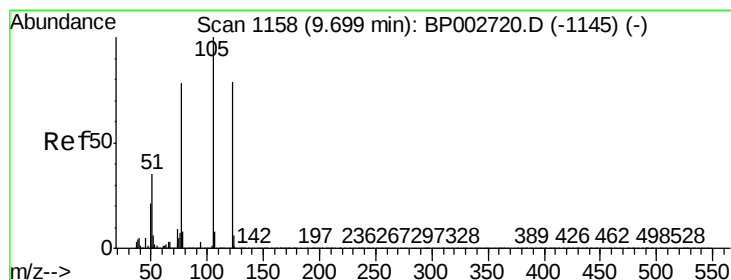
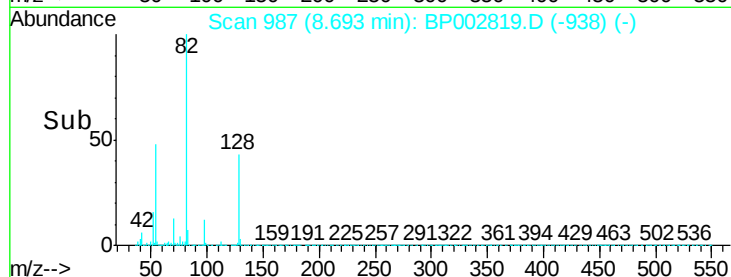
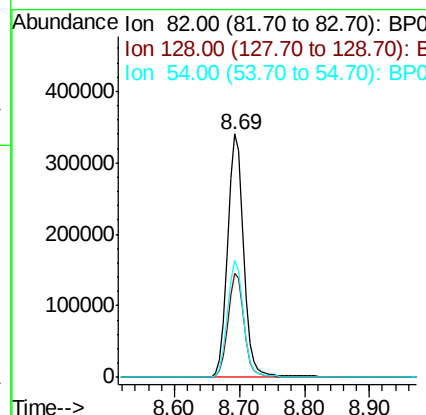
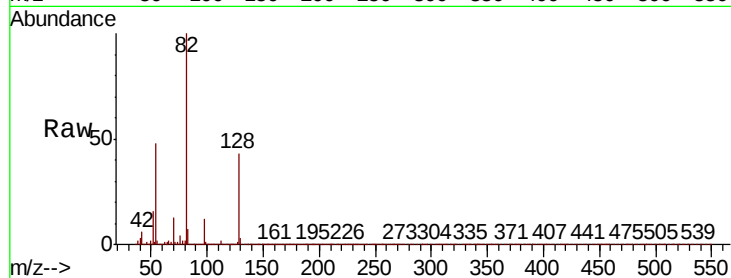




#23
 Nitrobenzene-d5
 Concen: 69.193 ng
 RT: 8.69 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BP002819.D
 Acq: 21 Jul 2020 18:03

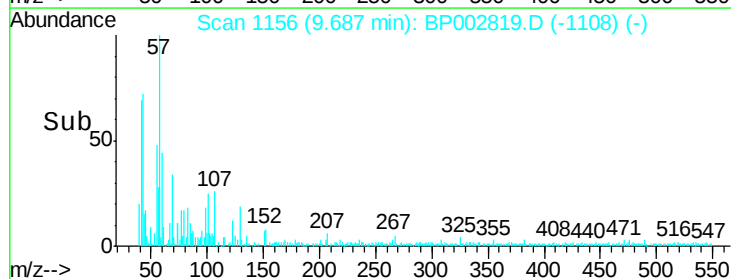
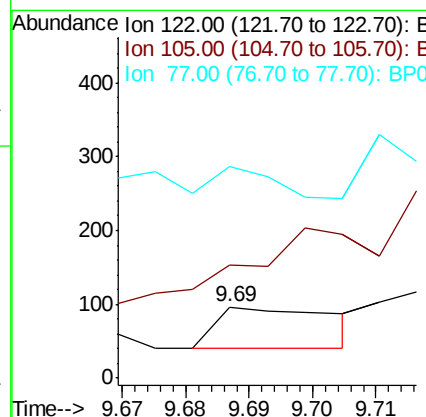
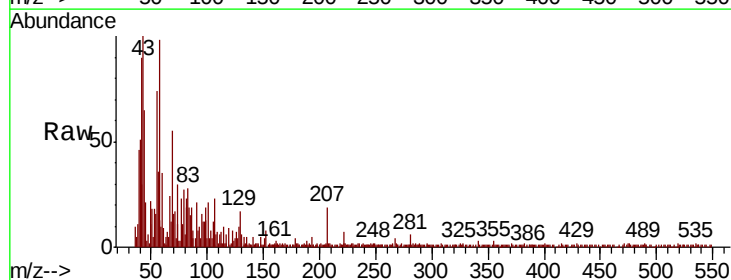
Instrument :
 BNA_P
 ClientSampleId :
 223-224

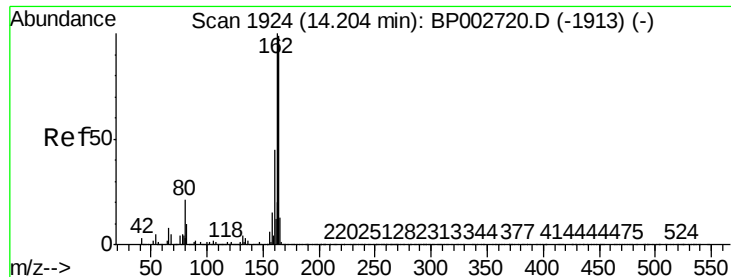
Tot Ion	82	Resp	587440
Ion Ratio	Lower	Upper	
82	100		
128	42.9	33.8	50.8
54	48.3	38.8	58.2



#32
 Benzoic acid
 Concen: 7.074 ng
 RT: 9.69 min Scan# 1156
 Delta R.T. -0.02 min
 Lab File: BP002819.D
 Acq: 21 Jul 2020 18:03

Tgt Ion	122	Resp	72
Ion Ratio	Lower	Upper	
122	100		
105	160.4	105.4	145.4#
77	299.0	78.5	118.5#

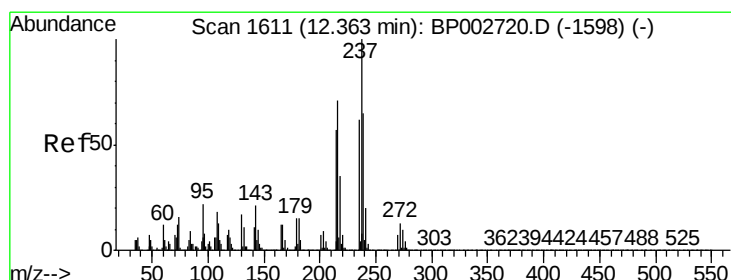
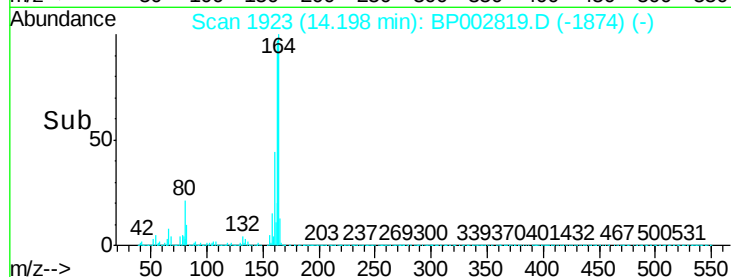
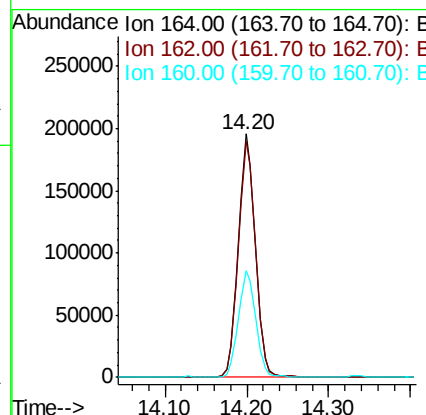
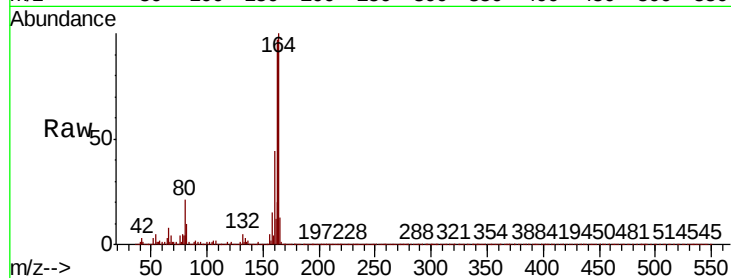




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BP002819.D
 Acq: 21 Jul 2020 18:03

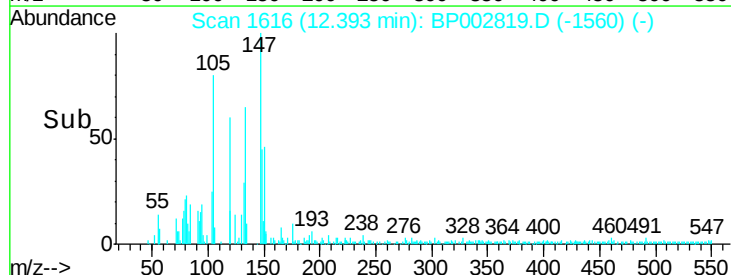
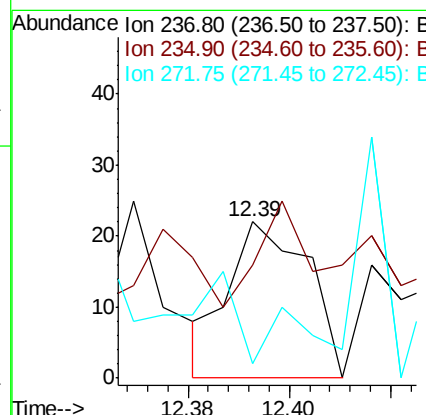
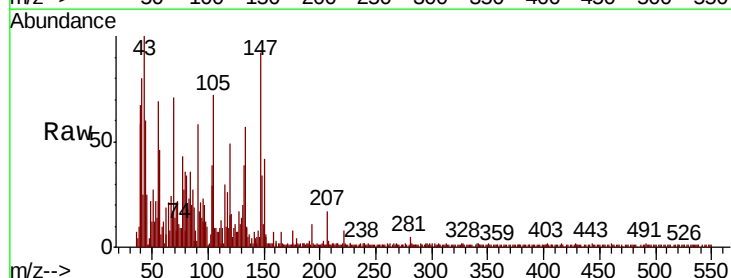
Instrument :
 BNA_P
 ClientSampleId :
 223-224

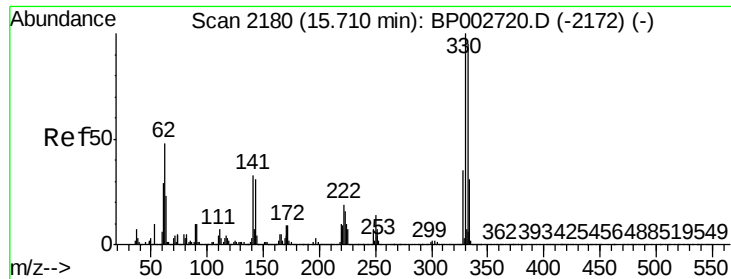
Tot Ion	Ratio	Lower	Upper
164	100		
162	96.8	80.6	121.0
160	43.6	36.4	54.6



#41
 Hexachlorocyclopentadiene
 Concen: 7.440 ng
 RT: 12.39 min Scan# 1616
 Delta R.T. 0.03 min
 Lab File: BP002819.D
 Acq: 21 Jul 2020 18:03

Tgt Ion	Ratio	Lower	Upper
237	100		
235	72.7	42.3	82.3
272	9.1	0.0	32.5

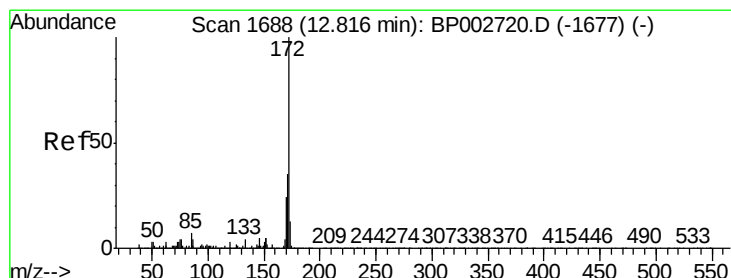
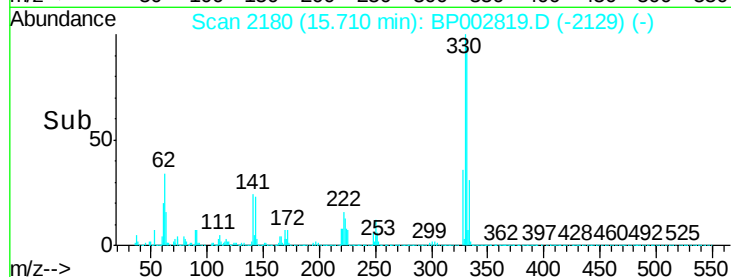
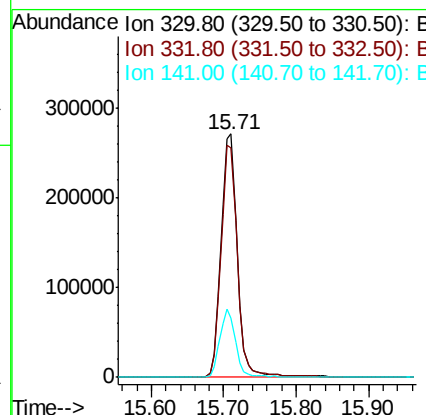
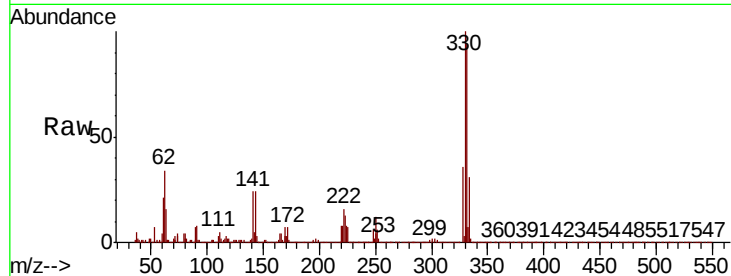




#42
 2,4,6-Tribromophenol
 Concen: 143.785 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002819.D
 Acq: 21 Jul 2020 18:03

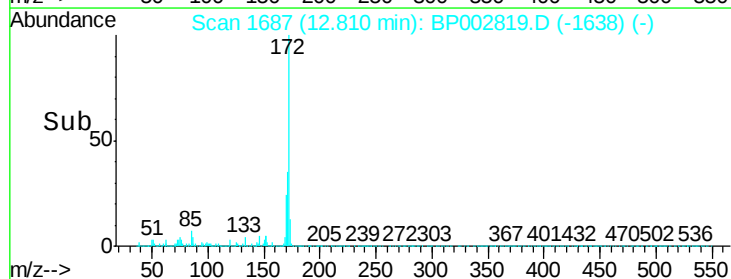
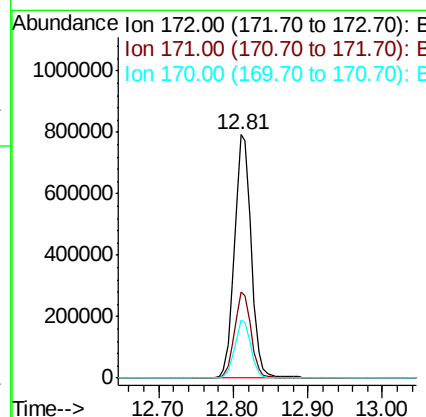
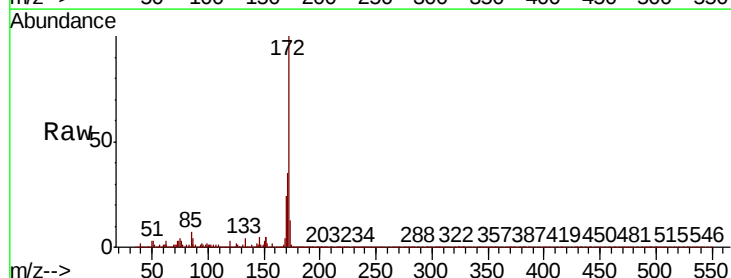
Instrument :
 BNA_P
 ClientSampleId :
 223-224

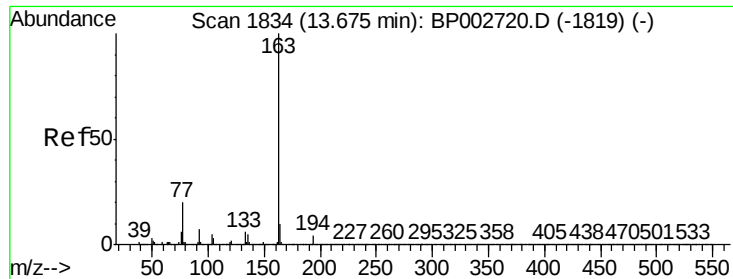
Tot Ion:330 Resp: 425683
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.5 114.7
 141 27.2 28.8 43.2#



#45
 2-Fluorobiphenyl
 Concen: 68.396 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002819.D
 Acq: 21 Jul 2020 18:03

Tgt Ion:172 Resp: 1253960
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.1 42.1
 170 23.6 19.3 28.9





#50

Dimethylphthalate

Concen: 8.107 ng

RT: 13.66 min Scan# 1832

Delta R.T. -0.01 min

Lab File: BP002819.D

Acq: 21 Jul 2020 18:03

Instrument :

BNA_P

ClientSampleId :

223-224

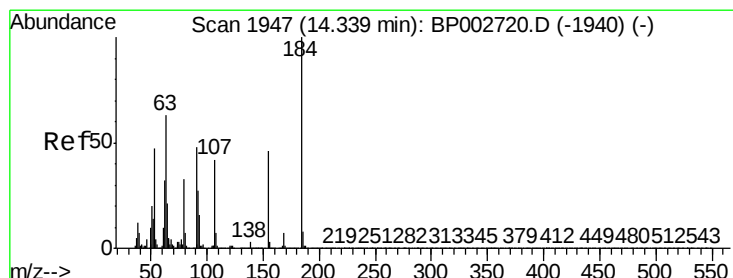
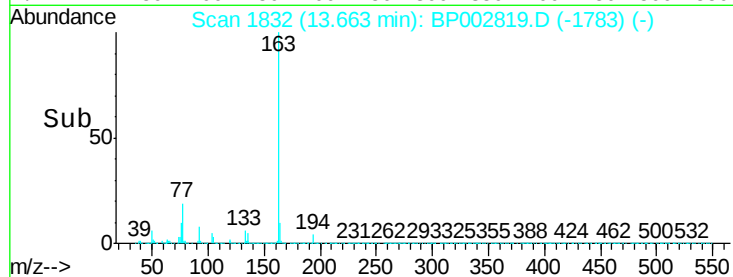
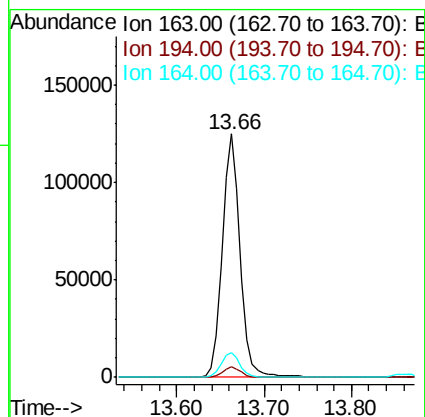
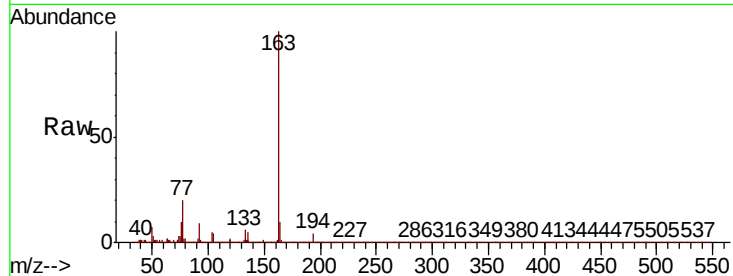
Tot Ion:163 Resp: 175353

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

164 10.0 7.8 11.8



#54

2,4-Dinitrophenol

Concen: 11.385 ng

RT: 14.33 min Scan# 1946

Delta R.T. -0.01 min

Lab File: BP002819.D

Acq: 21 Jul 2020 18:03

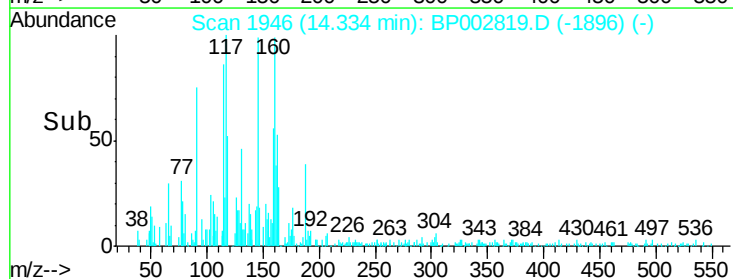
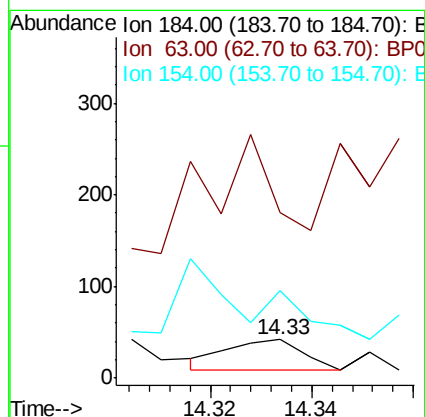
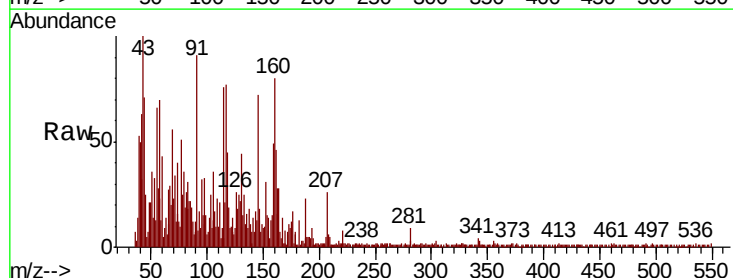
Tgt Ion:184 Resp: 34

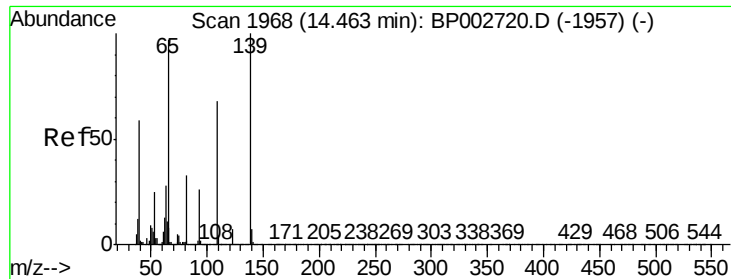
Ion Ratio Lower Upper

184 100

63 428.6 51.6 77.4#

154 226.2 45.0 67.6#

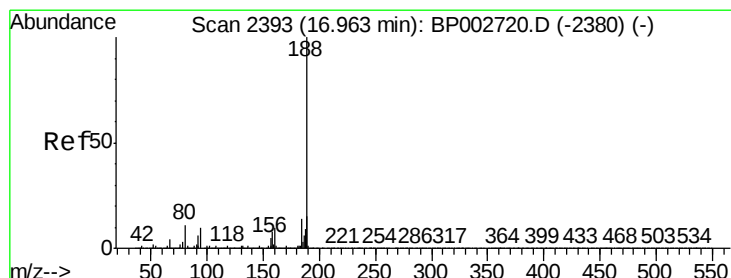
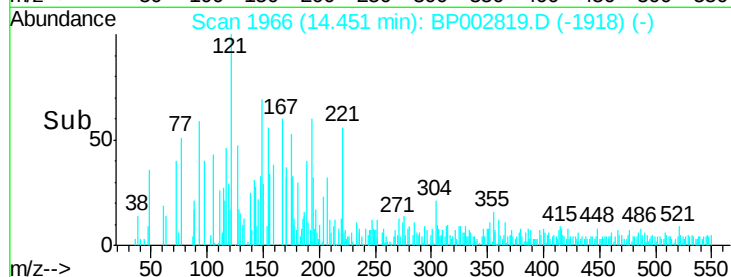
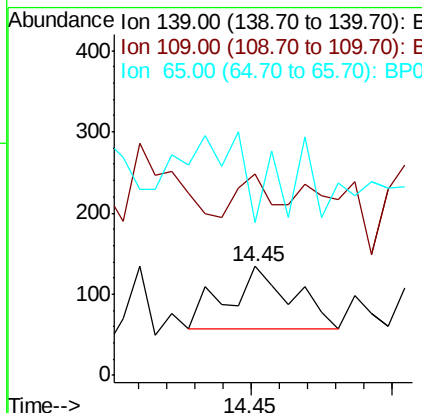
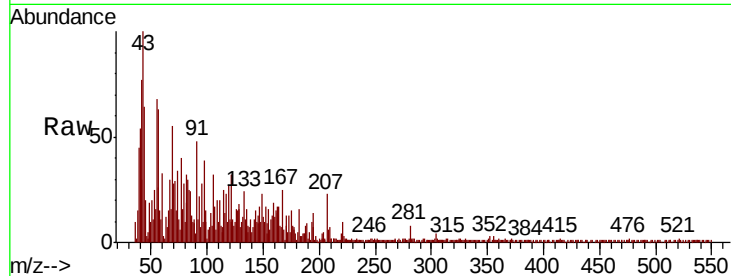




#56
4-Nitrophenol
Concen: 4.999 ng
RT: 14.45 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

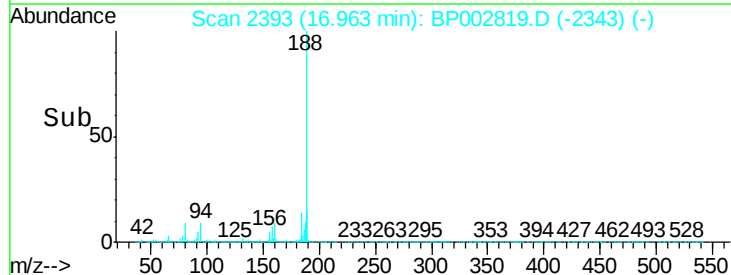
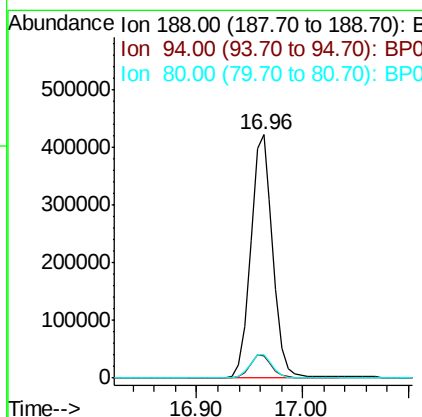
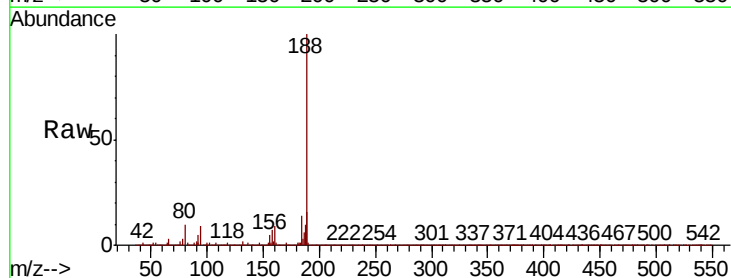
Instrument :
BNA_P
ClientSampleId :
223-224

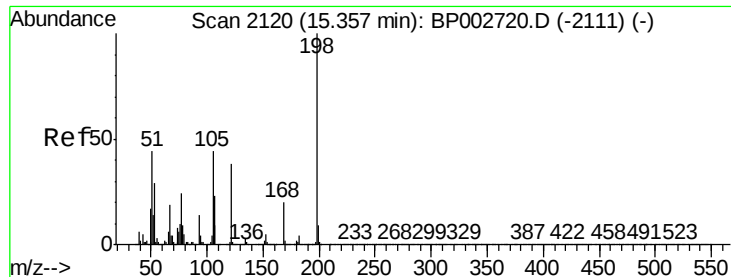
Tot Ion:139 Resp: 121
Ion Ratio Lower Upper
139 100
109 185.1 48.1 88.1#
65 140.3 77.9 117.9#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

Tgt Ion:188 Resp: 611424
Ion Ratio Lower Upper
188 100
94 9.3 8.1 12.1
80 9.5 8.9 13.3

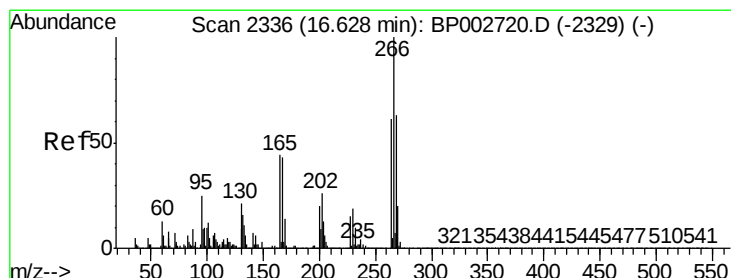
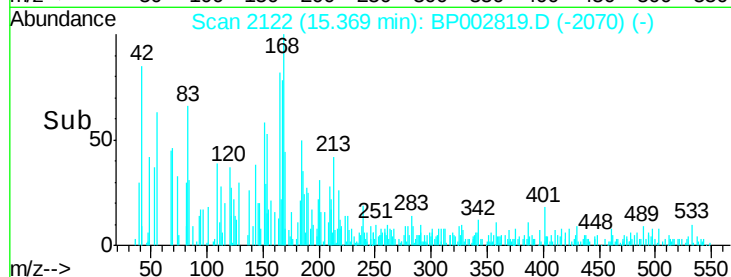
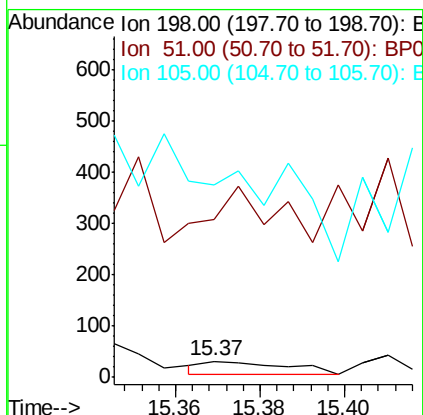
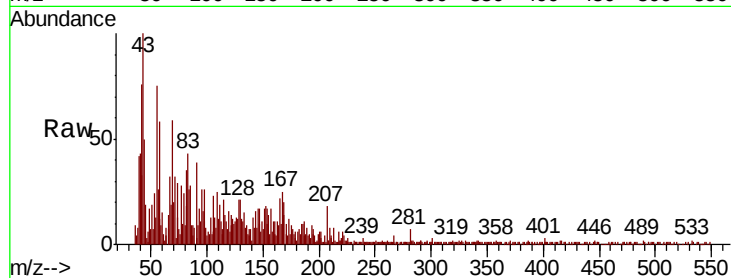




#65
4,6-Dinitro-2-methylphenol
Concen: 5.275 ng
RT: 15.37 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

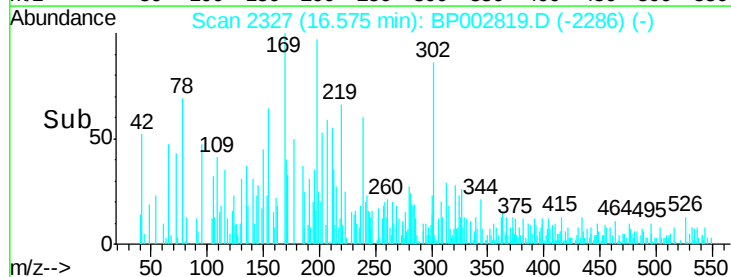
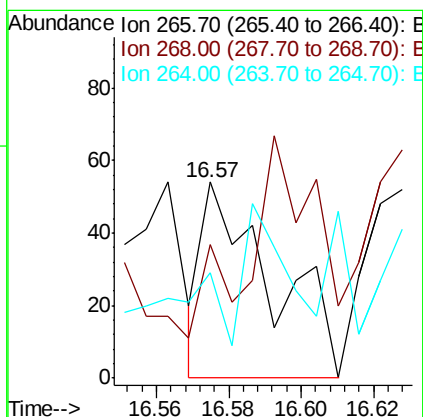
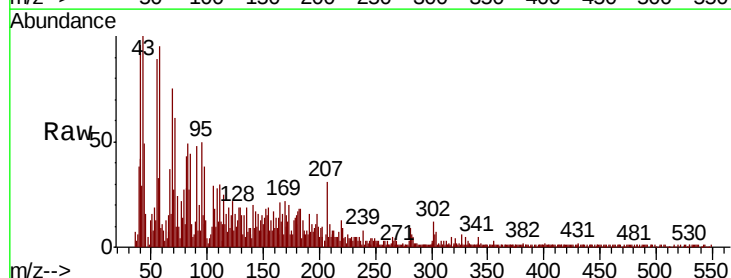
Instrument :
BNA_P
ClientSampleId :
223-224

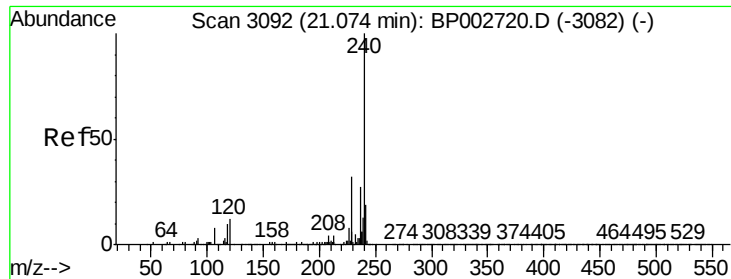
Tot Ion:198 Resp: 34
Ion Ratio Lower Upper
198 100
51 990.3 27.1 67.1#
105 1212.9 24.9 64.9#



#70
Pentachlorophenol
Concen: 7.461 ng
RT: 16.57 min Scan# 2327
Delta R.T. -0.06 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

Tgt Ion:266 Resp: 72
Ion Ratio Lower Upper
266 100
268 68.5 50.6 75.8
264 53.7 48.6 72.8

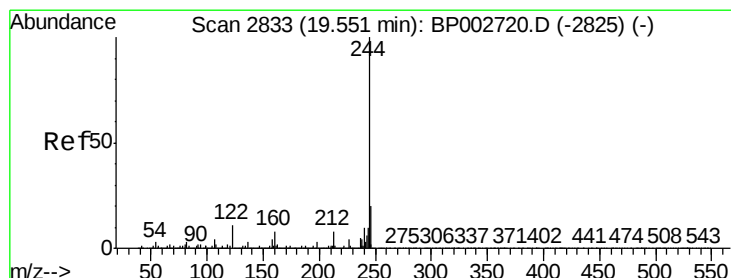
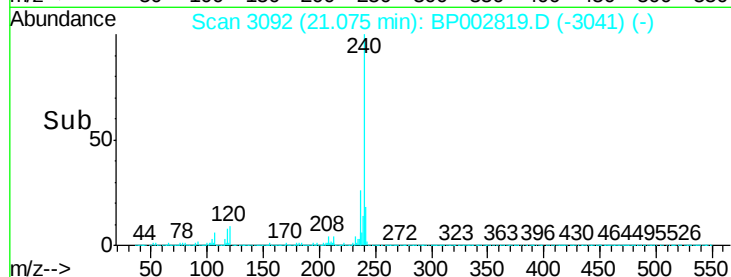
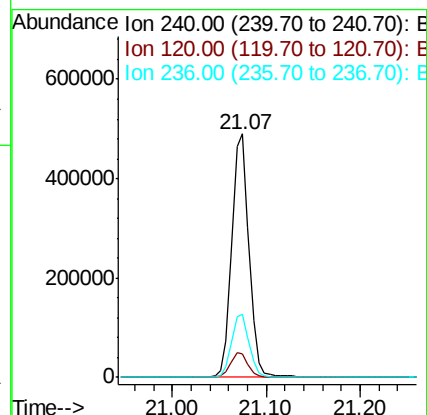
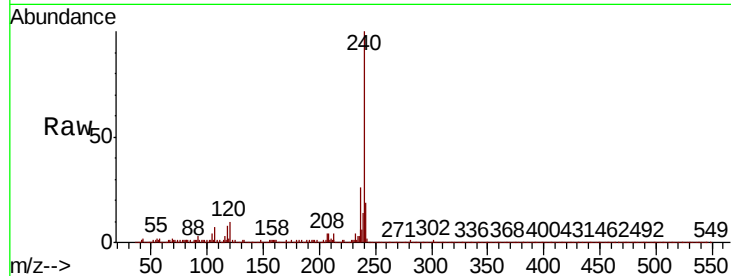




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

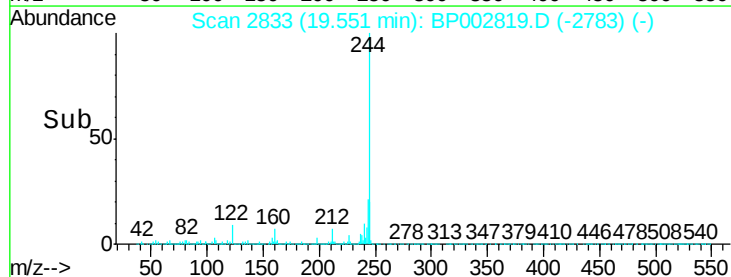
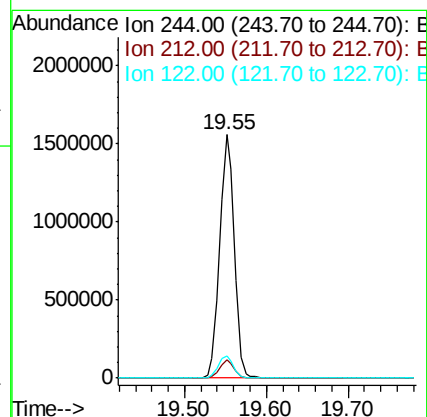
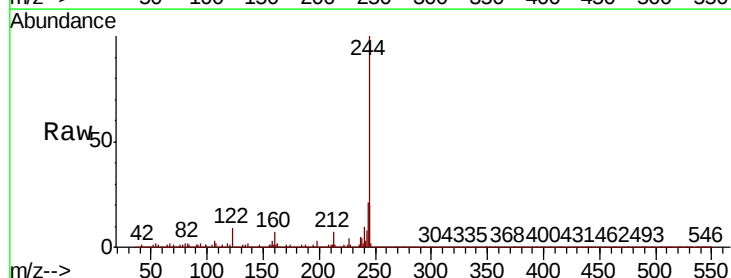
Instrument :
BNA_P
ClientSampleId :
223-224

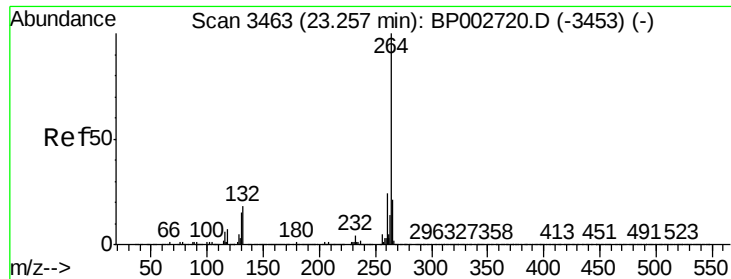
Tot Ion:240 Resp: 619283
Ion Ratio Lower Upper
240 100
120 9.5 9.4 14.2
236 26.0 21.3 31.9



#79
Terphenyl-d14
Concen: 72.091 ng
RT: 19.55 min Scan# 2833
Delta R.T. -0.01 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

Tgt Ion:244 Resp: 1947247
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.3 8.9 13.3

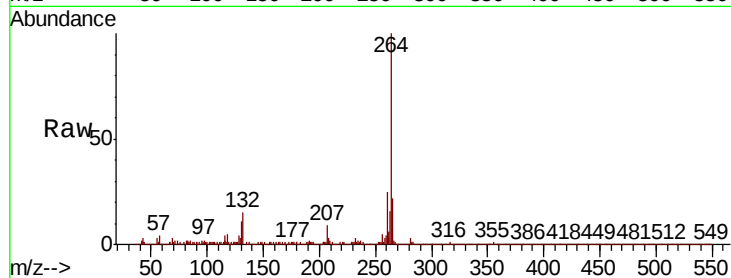




#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. 0.00 min
Lab File: BP002819.D
Acq: 21 Jul 2020 18:03

Instrument :
BNA_P
ClientSampleId :
223-224

Tot Ion:264 Resp: 662131
Ion Ratio Lower Upper
264 100
260 24.7 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

