

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071620\
 Data File : BP002779.D
 Acq On : 16 Jul 2020 19:03
 Operator : CG/JU
 Sample : L3308-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 5

Quant Time: Jul 17 00:54:23 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

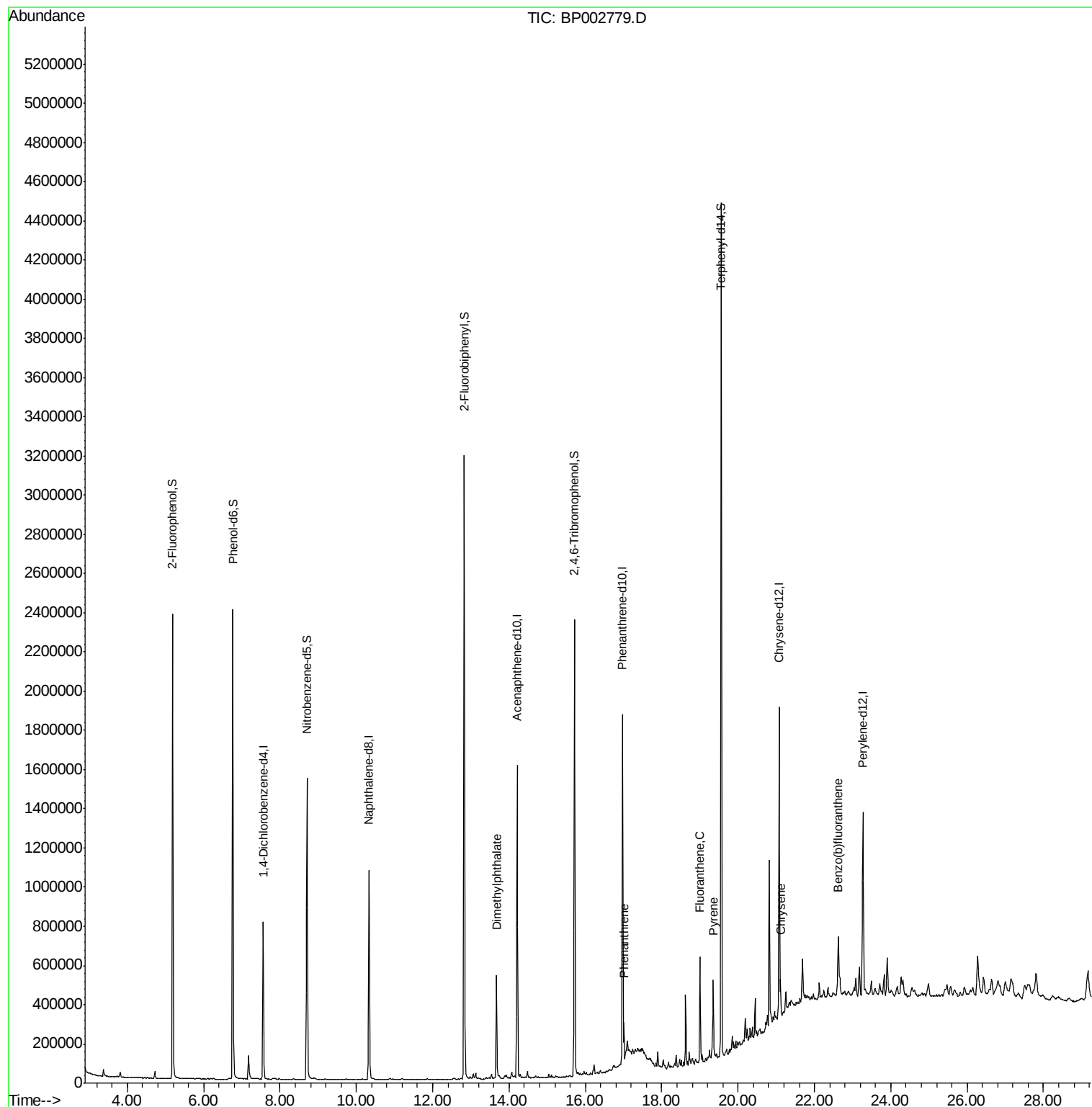
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	212752	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	898709	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	530360	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	1018021	20.00	ng	0.00
76) Chrysene-d12	21.07	240	709386	20.00	ng	0.00
86) Perylene-d12	23.27	264	633936	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1048256	83.13	ng	0.00
7) Phenol-d6	6.76	99	1443775	80.23	ng	0.00
23) Nitrobenzene-d5	8.70	82	930670	55.39	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	443664	80.14	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1746218	50.93	ng	0.00
79) Terphenyl-d14	19.56	244	1864921	60.27	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	13.67	163	353512	8.740	ng	99
71) Phenanthrene	17.01	178	121953	2.213	ng	98
75) Fluoranthene	19.00	202	314870	4.930	ng	98
78) Pyrene	19.35	202	234012	4.778	ng	98
83) Chrysene	21.12	228	112665	2.577	ng	97
88) Benzo(b)fluoranthene	22.62	252	132644	3.370	ng	# 94

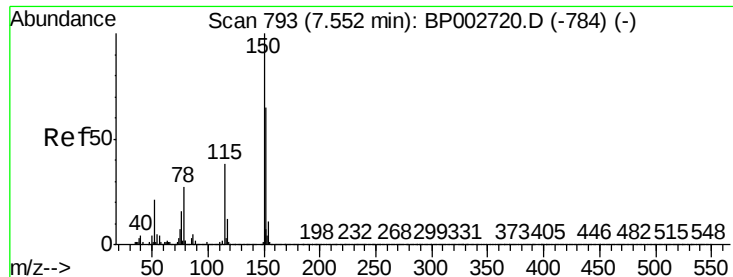
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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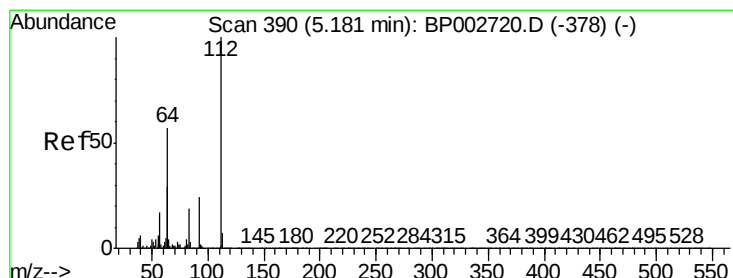
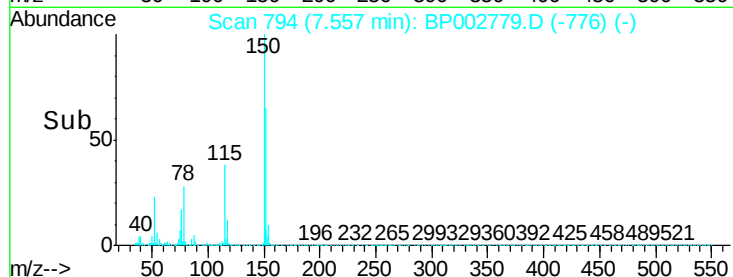
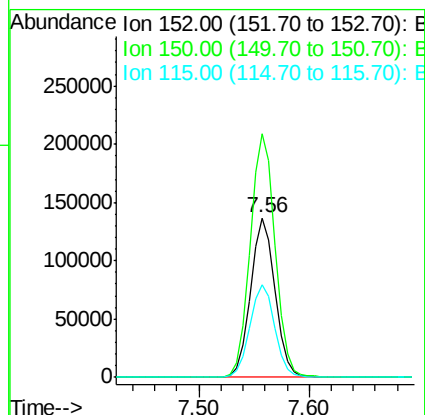
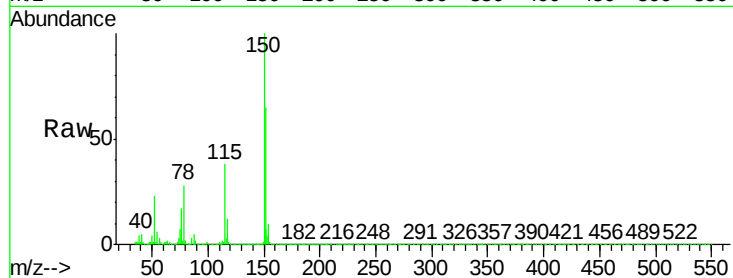


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

Instrument :
BNA_P
ClientSampled :
5

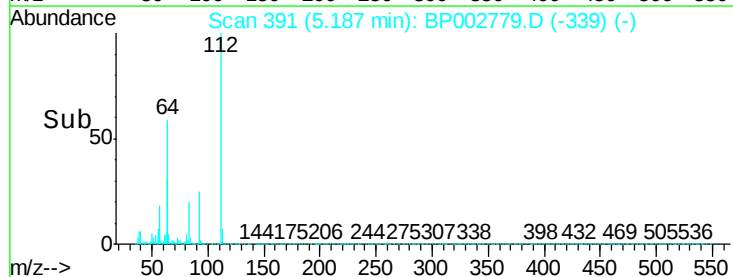
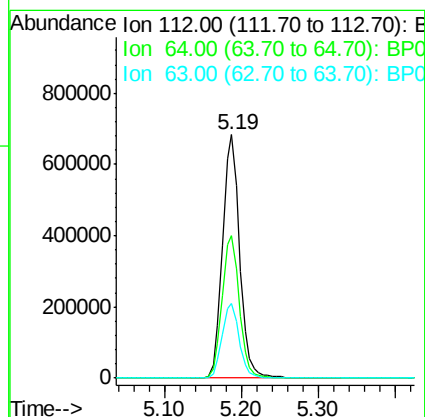
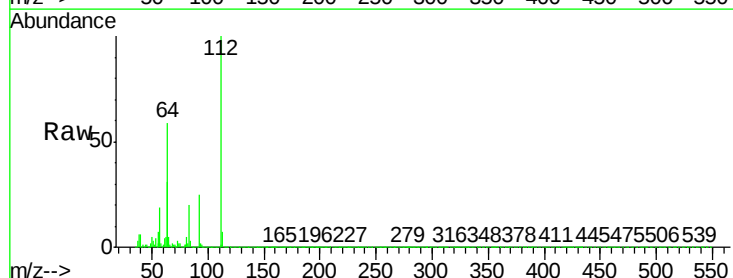
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.0	123.7	185.5
115	58.5	47.2	70.8

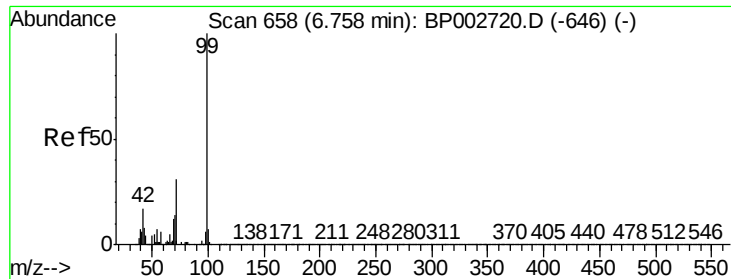


#5

2-Fluorophenol
Concen: 83.130 ng
RT: 5.19 min Scan# 391
Delta R.T. 0.01 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.6	68.4
63	30.9	23.5	35.3





#7

Phenol-d6

Concen: 80.226 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002779.D

Acq: 16 Jul 2020 19:03

Instrument :

BNA_P

ClientSampleId :

5

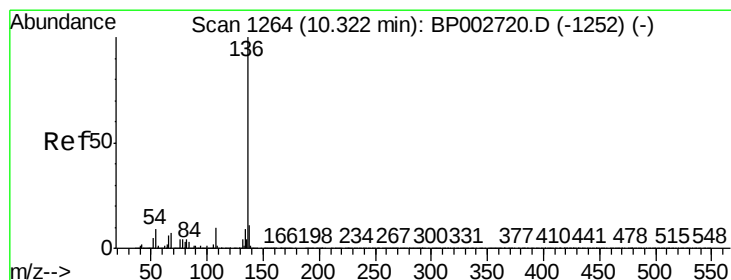
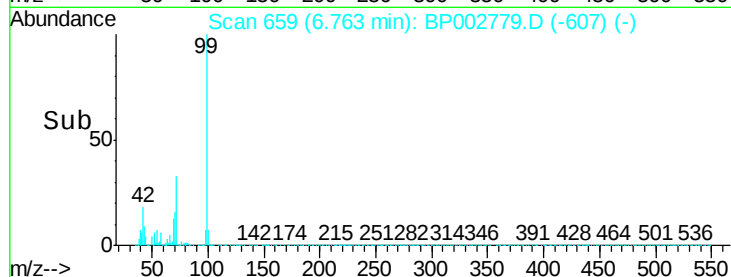
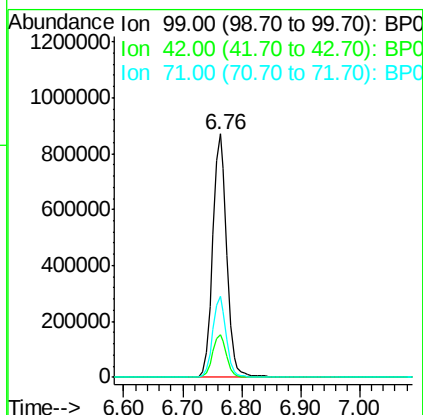
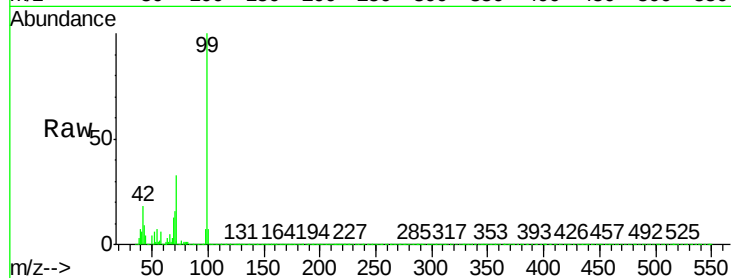
Tot Ion: 99 Resp: 1443775

Ion Ratio Lower Upper

99 100

42 17.7 13.4 20.2

71 33.1 24.6 36.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BP002779.D

Acq: 16 Jul 2020 19:03

Tgt Ion: 136 Resp: 898709

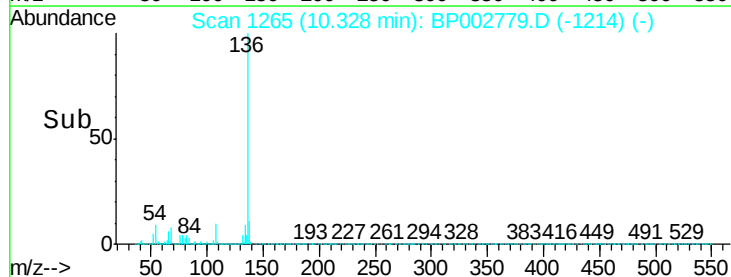
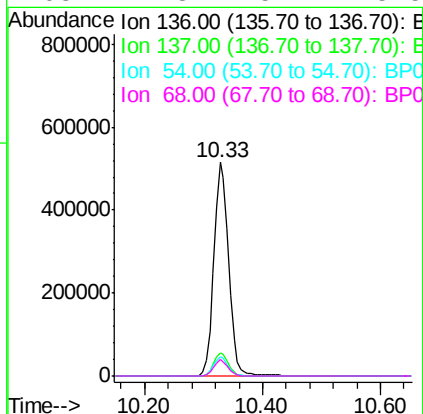
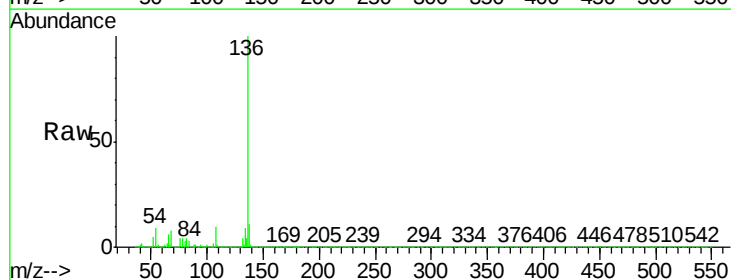
Ion Ratio Lower Upper

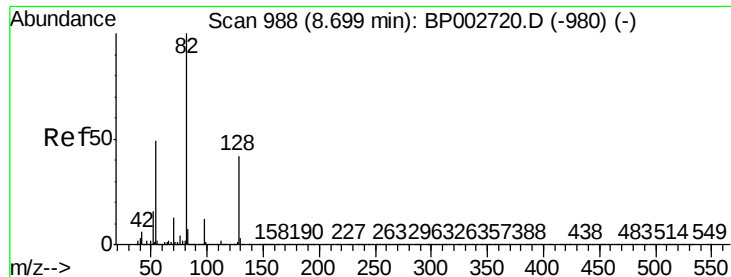
136 100

137 11.0 8.6 13.0

54 8.9 6.9 10.3

68 7.8 5.7 8.5

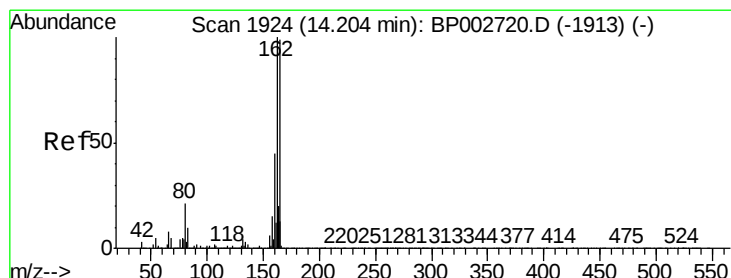
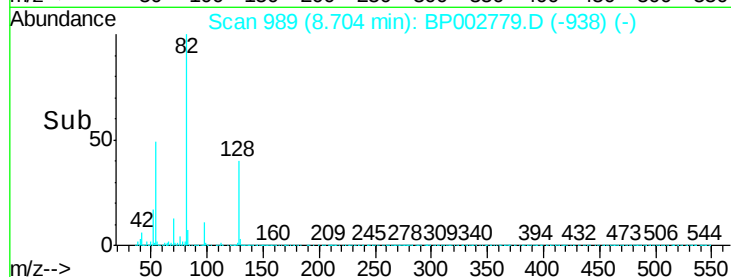
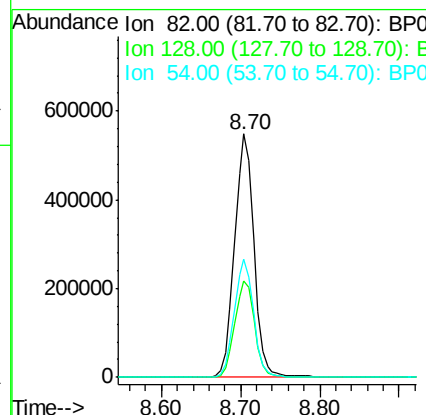
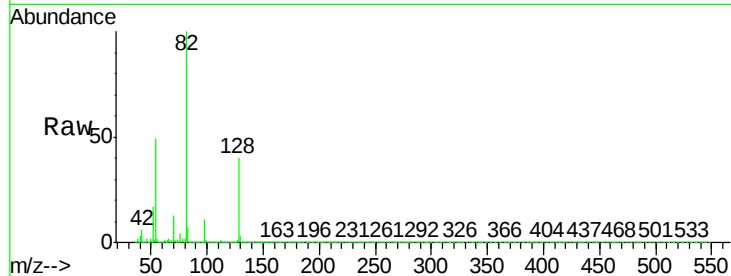




#23
Nitrobenzene-d5
Concen: 55.386 ng
RT: 8.70 min Scan# 989
Delta R.T. 0.00 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

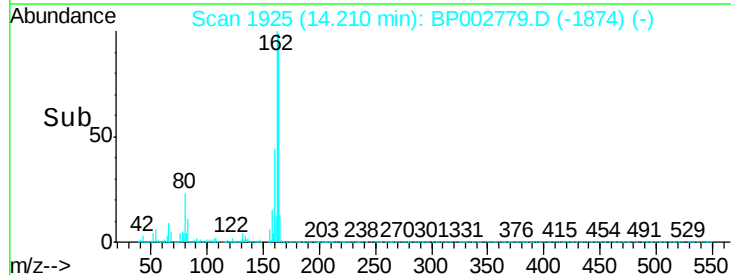
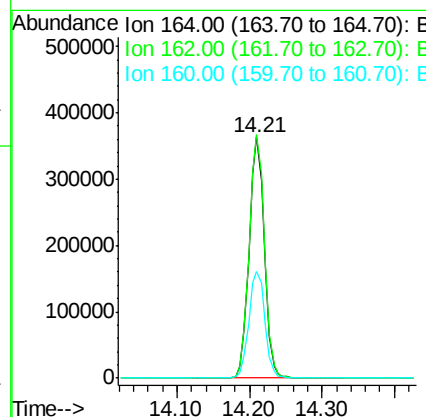
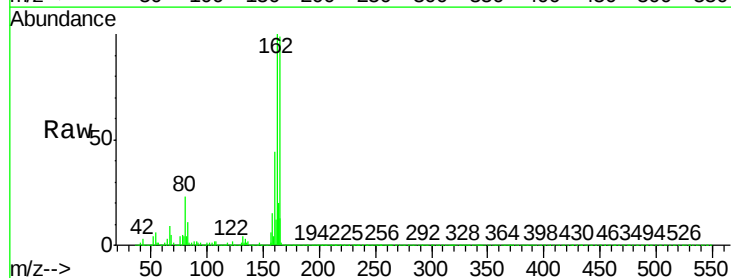
Instrument :
BNA_P
ClientSampleId :
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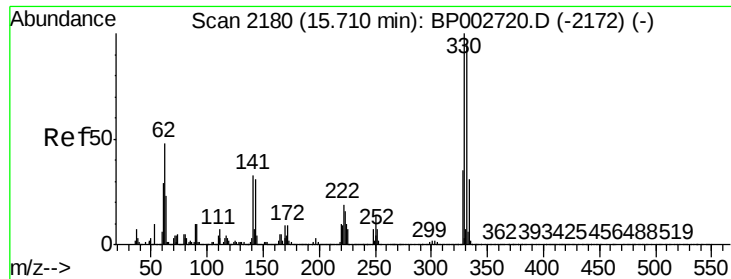
Tot Ion	82	Resp	930670
Ion Ratio	Lower	Upper	
82	100		
128	39.5	33.8	50.8
54	48.6	38.8	58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

Tgt Ion	164	Resp	530360
Ion Ratio	Lower	Upper	
164	100		
162	101.2	80.6	121.0
160	44.4	36.4	54.6

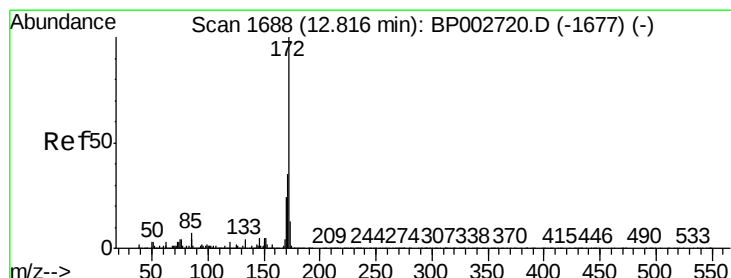
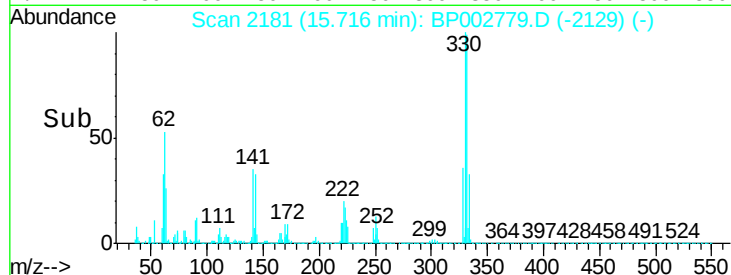
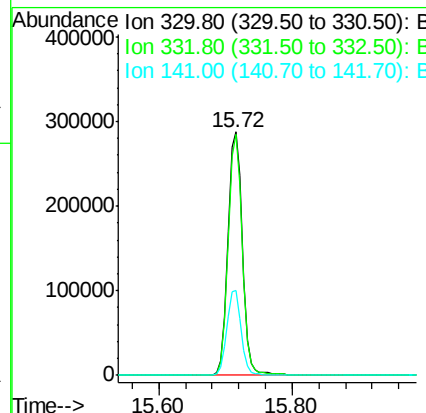
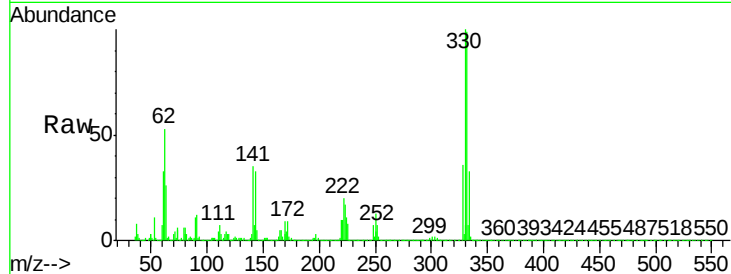




#42
 2,4,6-Tribromophenol
 Concen: 80.140 ng
 RT: 15.72 min Scan# 2181
 Delta R.T. 0.01 min
 Lab File: BP002779.D
 Acq: 16 Jul 2020 19:03

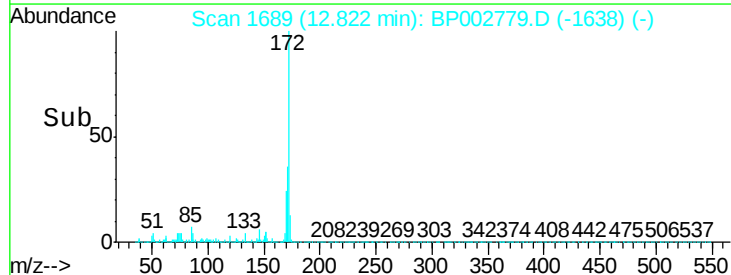
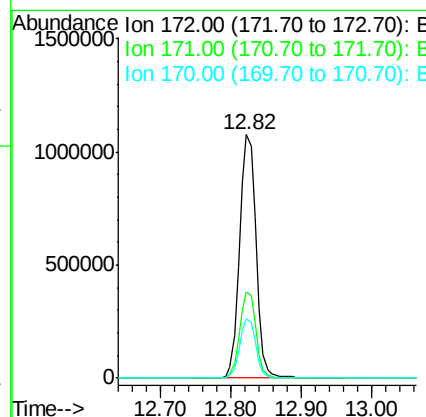
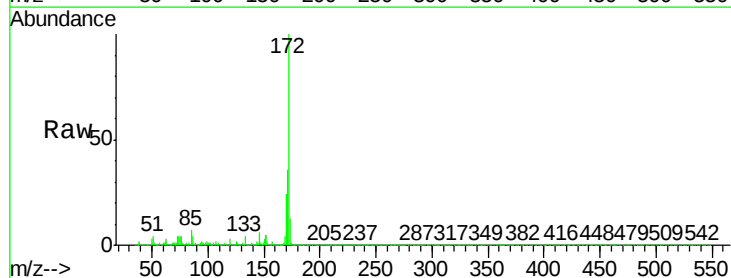
Instrument :
 BNA_P
 ClientSampleId :
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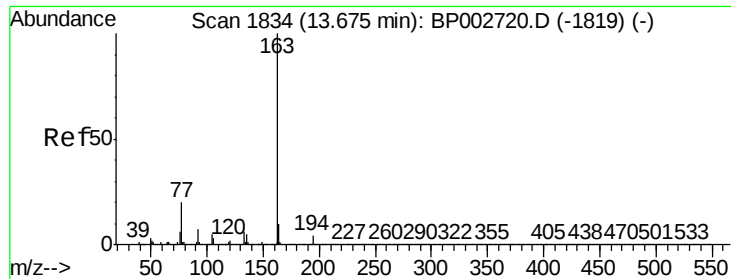
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.5	114.7
141	34.9	28.8	43.2



#45
 2-Fluorobiphenyl
 Concen: 50.935 ng
 RT: 12.82 min Scan# 1689
 Delta R.T. 0.00 min
 Lab File: BP002779.D
 Acq: 16 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.1	42.1
170	24.4	19.3	28.9





#50

Dimethylphthalate

Concen: 8.740 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BP002779.D

Acq: 16 Jul 2020 19:03

Instrument :

BNA_P

ClientSampleId :

5

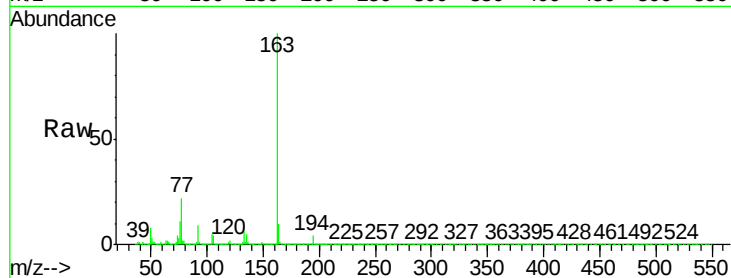
Tot Ion:163 Resp: 353512

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

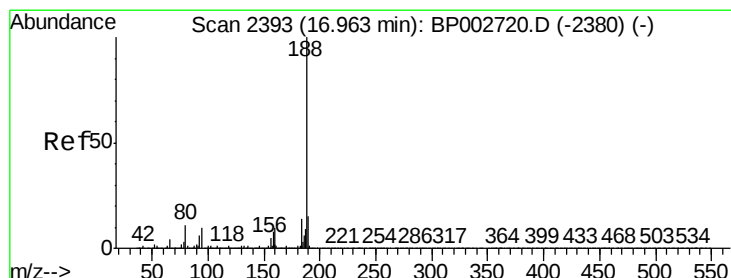
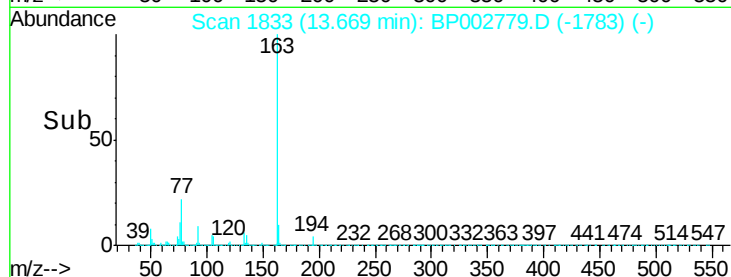
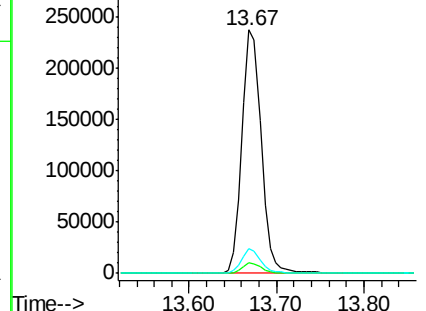
164 10.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BP002779.D

Acq: 16 Jul 2020 19:03

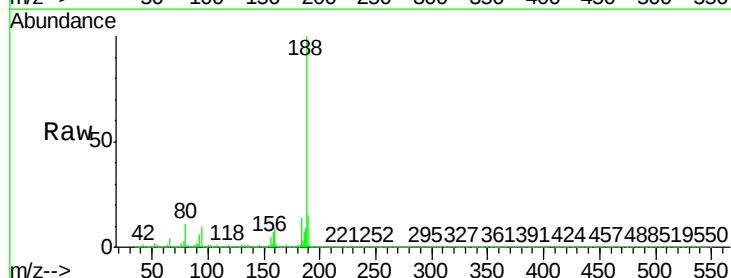
Tgt Ion:188 Resp: 1018021

Ion Ratio Lower Upper

188 100

94 10.5 8.1 12.1

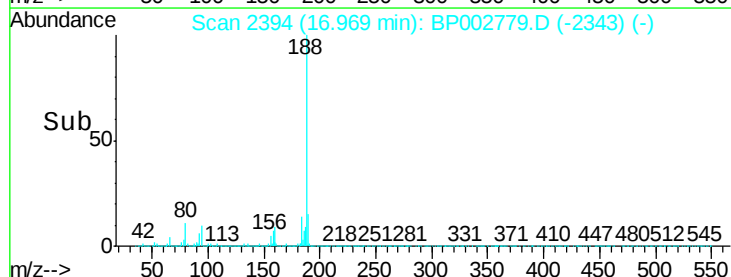
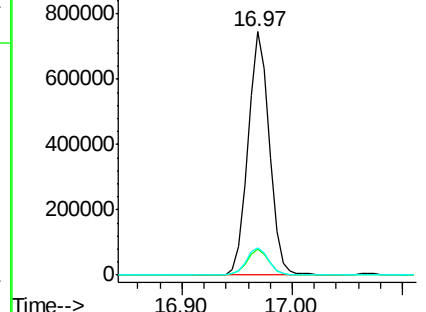
80 11.2 8.9 13.3

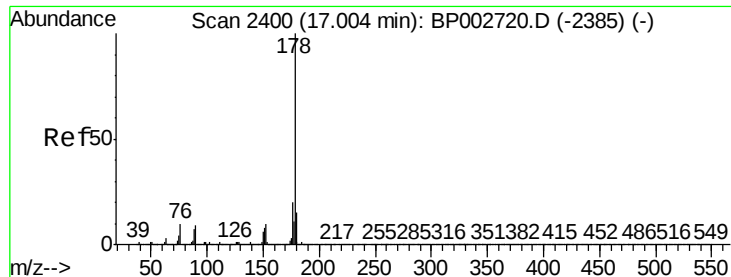


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

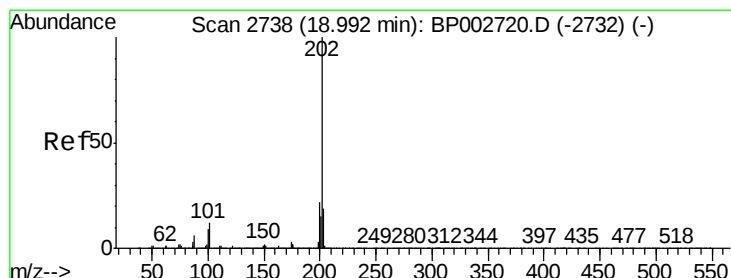
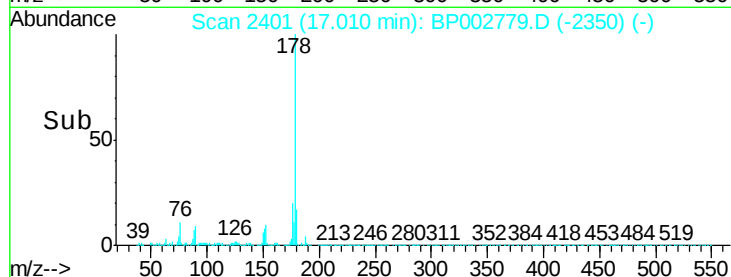
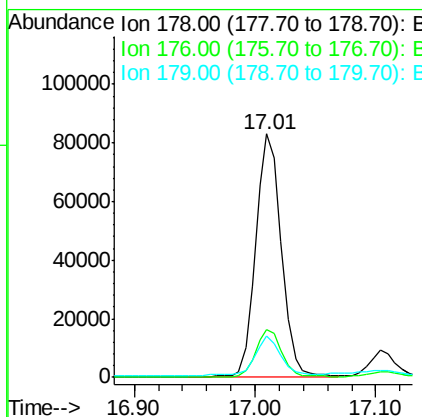
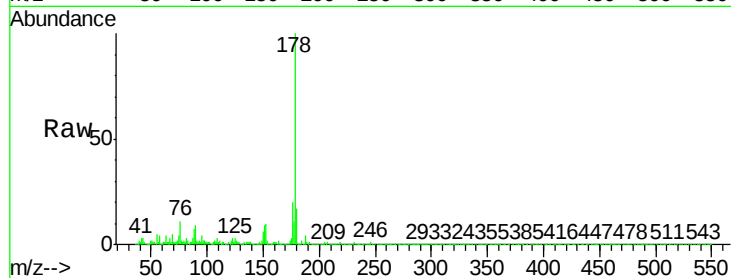




#71
Phenanthrene
Concen: 2.213 ng
RT: 17.01 min Scan# 2401
Delta R.T. 0.00 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

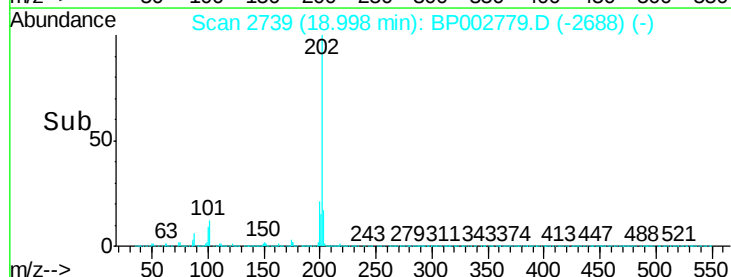
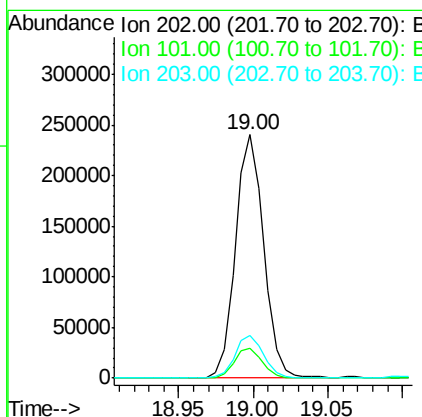
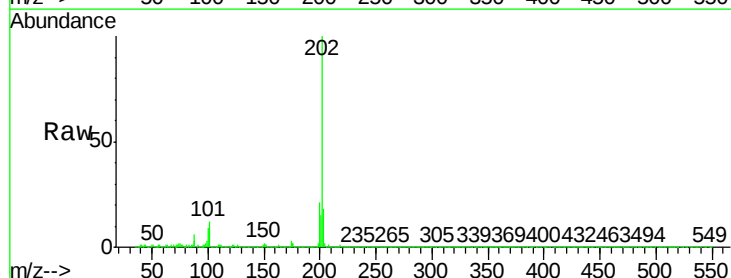
Instrument :
BNA_P
ClientSampleId :
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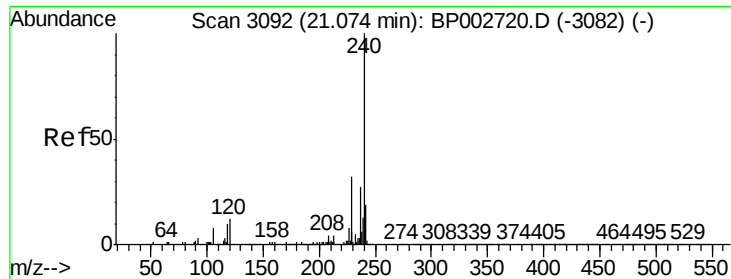
Tot Ion:178 Resp: 121953
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 17.1 12.3 18.5



#75
Fluoranthene
Concen: 4.930 ng
RT: 19.00 min Scan# 2739
Delta R.T. 0.00 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

Tgt Ion:202 Resp: 314870
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.5
203 17.6 0.0 38.6

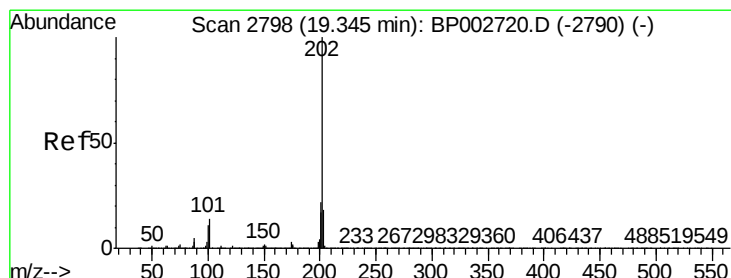
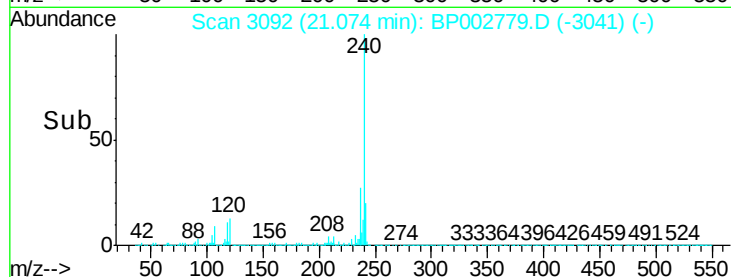
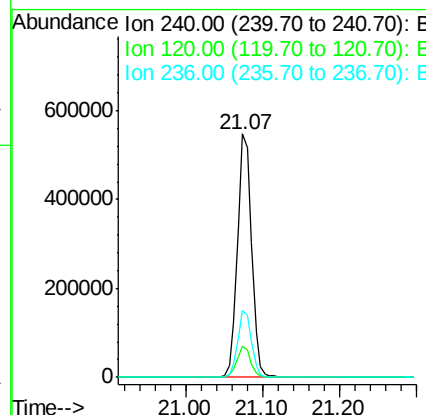
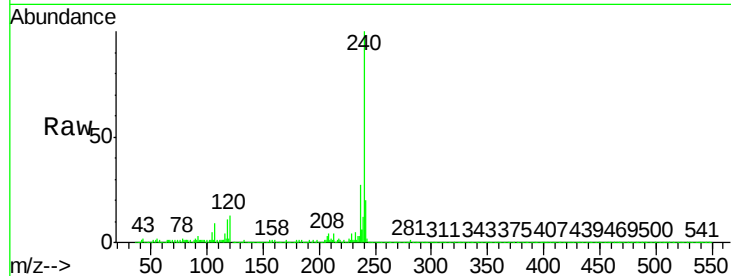




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. 0.00 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

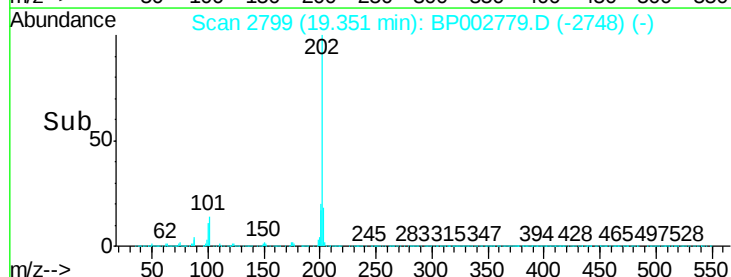
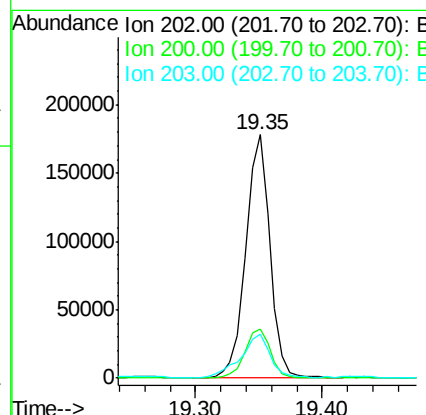
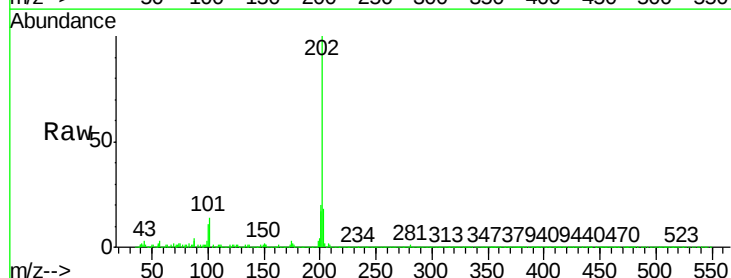
Instrument :
BNA_P
ClientSampleId :
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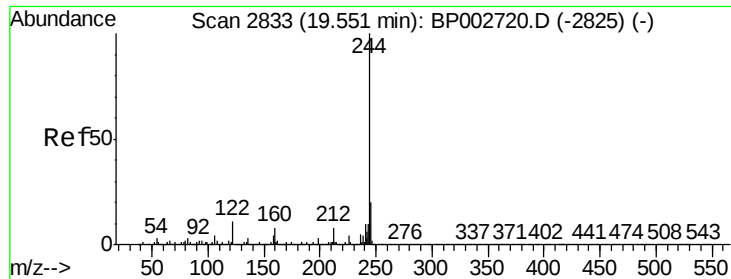
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.4	14.2
236	27.3	21.3	31.9



#78
Pyrene
Concen: 4.778 ng
RT: 19.35 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.7	26.5
203	18.0	14.5	21.7





#79

Terphenyl-d14

Concen: 60.274 ng

RT: 19.56 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BP002779.D

Acq: 16 Jul 2020 19:03

Instrument :

BNA_P

ClientSampleId :

5

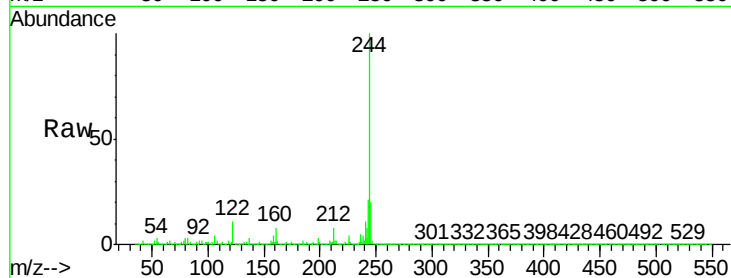
Tot Ion:244 Resp: 1864921

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

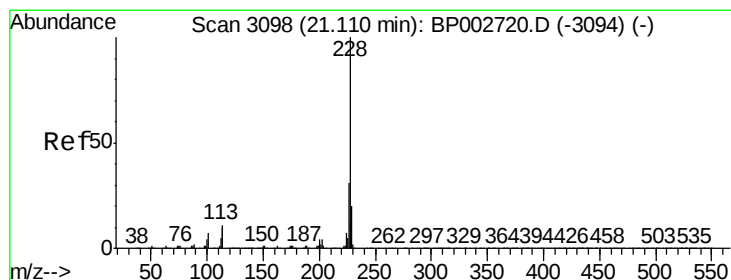
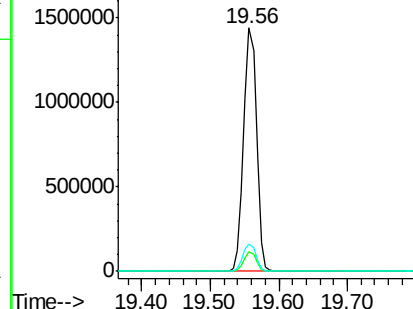
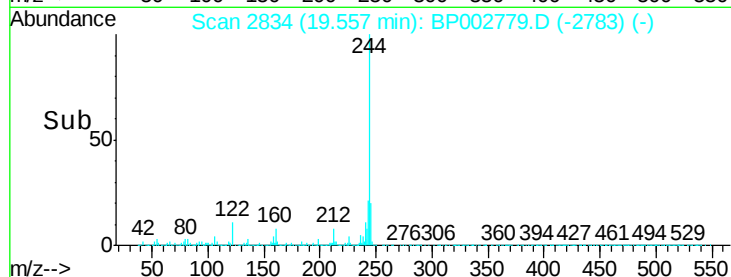
122 11.4 8.9 13.3



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



#83

Chrysene

Concen: 2.577 ng

RT: 21.12 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BP002779.D

Acq: 16 Jul 2020 19:03

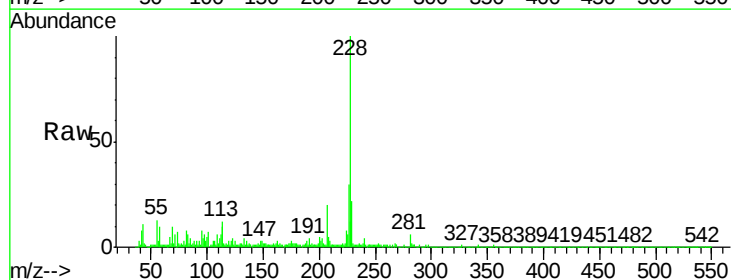
Tgt Ion:228 Resp: 112665

Ion Ratio Lower Upper

228 100

226 29.9 24.6 37.0

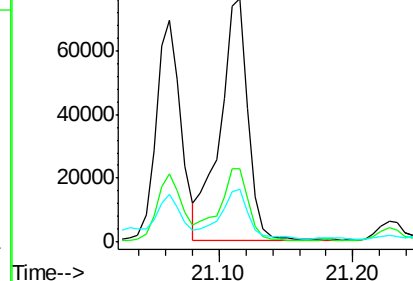
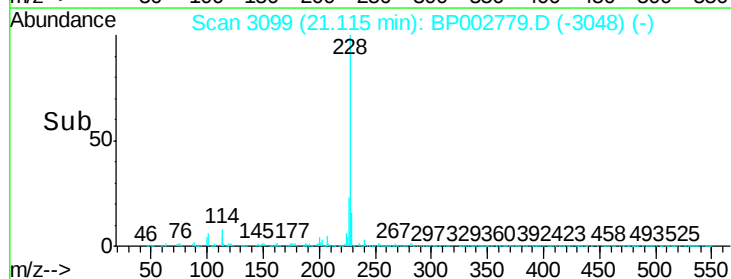
229 21.9 15.7 23.5

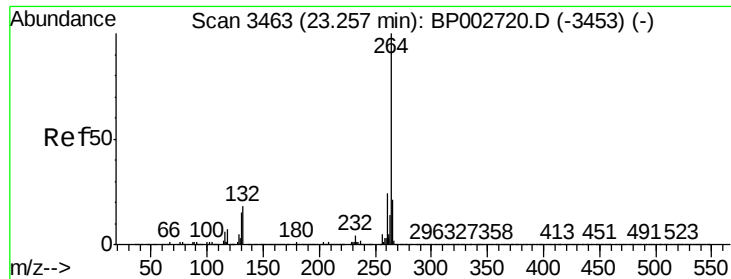


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



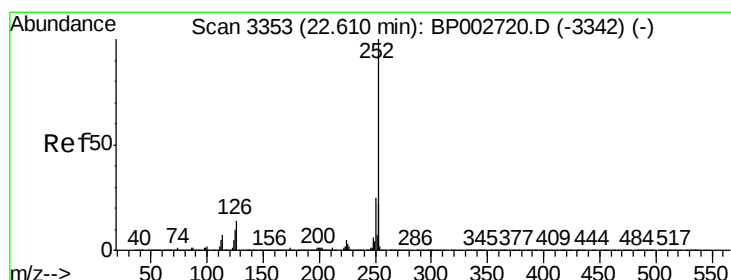
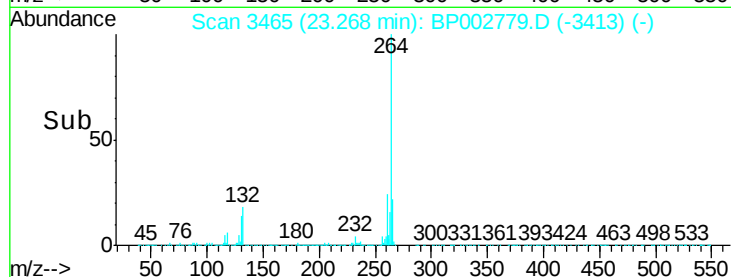
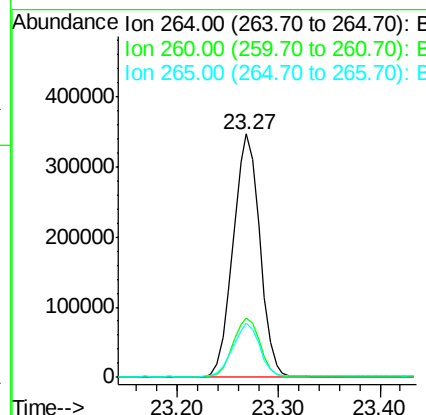
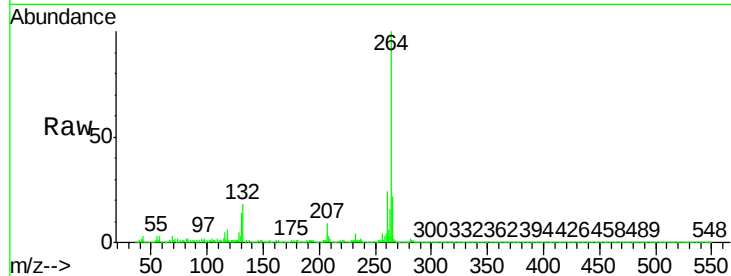


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.27 min Scan# 3465
Delta R.T. 0.01 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

Instrument :
BNA_P
ClientSampleId :
5

Tot Ion:264 Resp: 633936

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.2	16.8	25.2



#88
Benzo(b)fluoranthene
Concen: 3.370 ng
RT: 22.62 min Scan# 3354
Delta R.T. 0.00 min
Lab File: BP002779.D
Acq: 16 Jul 2020 19:03

Tgt Ion:252 Resp: 132644

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	13.9	8.2	12.2#

