

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072120\
 Data File : BP002811.D
 Acq On : 21 Jul 2020 13:29
 Operator : CG/JU
 Sample : L3351-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1A

Quant Time: Jul 21 15:11:45 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

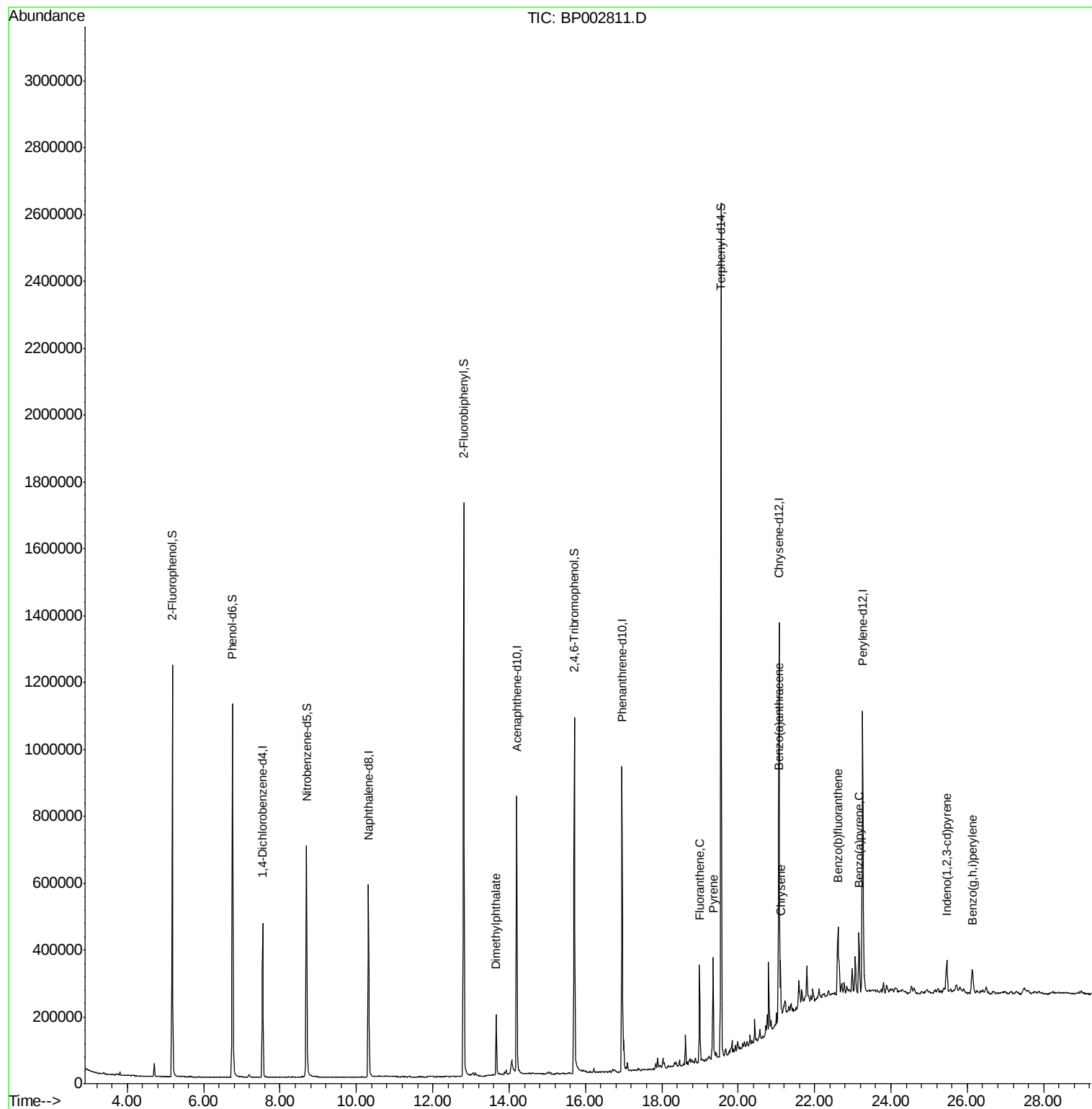
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	131060	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	497941	20.00	ng	-0.01
39) Acenaphthene-d10	14.20	164	290137	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	577069	20.00	ng	-0.01
76) Chrysene-d12	21.07	240	525533	20.00	ng	0.00
86) Perylene-d12	23.26	264	586753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	562575	72.42	ng	0.00
7) Phenol-d6	6.75	99	707752	63.84	ng	0.00
23) Nitrobenzene-d5	8.69	82	440610	47.33	ng	-0.02
42) 2,4,6-Tribromophenol	15.70	330	251460	83.03	ng	0.00
45) 2-Fluorobiphenyl	12.81	172	924985	49.32	ng	-0.01
79) Terphenyl-d14	19.55	244	1118169	48.78	ng	-0.01
Target Compounds						Qvalue
50) Dimethylphthalate	13.66	163	134194	6.065	ng	99
75) Fluoranthene	18.99	202	182276	5.035	ng	95
78) Pyrene	19.34	202	179712	4.953	ng	98
81) Benzo(a)anthracene	21.05	228	111771	3.286	ng	99
83) Chrysene	21.10	228	105183	3.248	ng	97
87) Indeno(1,2,3-cd)pyrene	25.46	276	93577	2.207	ng	# 92
88) Benzo(b)fluoranthene	22.60	252	154078	4.229	ng	98
90) Benzo(a)pyrene	23.16	252	116093	3.362	ng	98
92) Benzo(g,h,i)perylene	26.13	276	92887	2.679	ng	96

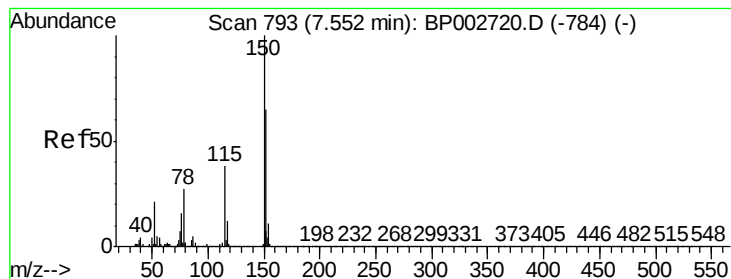
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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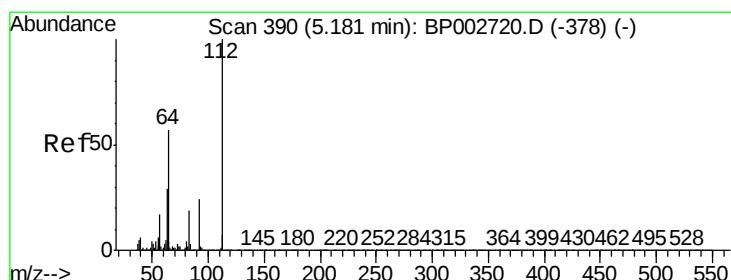
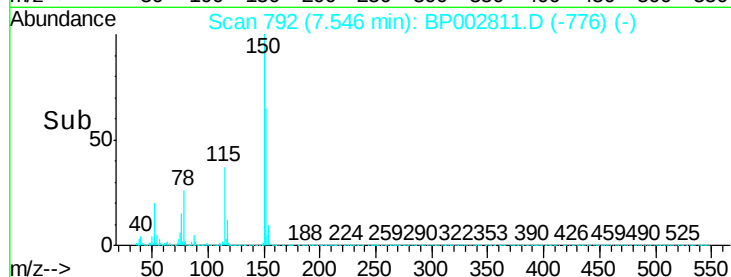
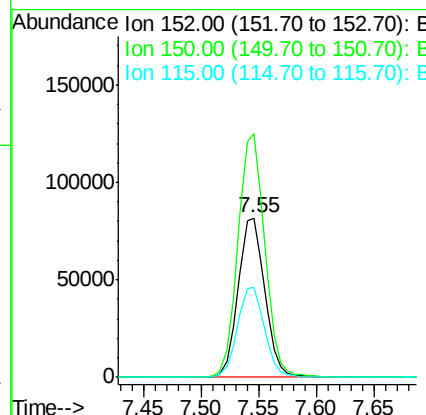
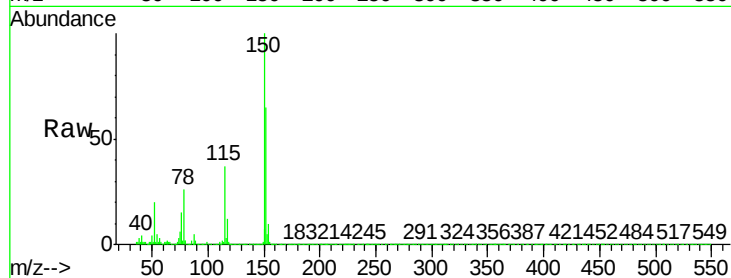


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

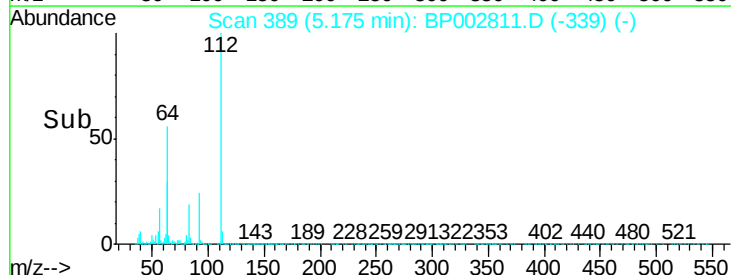
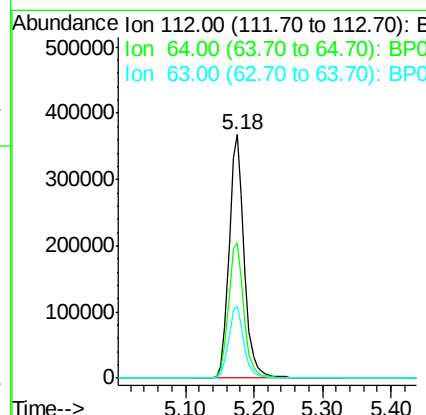
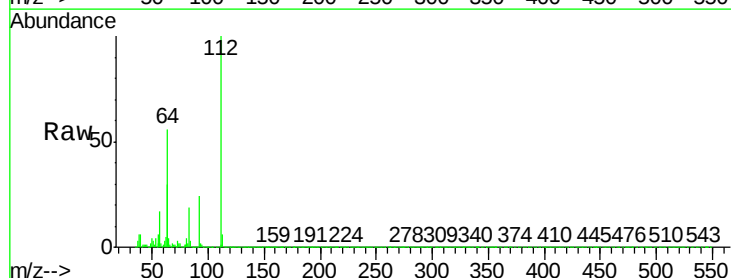
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.8	123.7	185.5
115	56.7	47.2	70.8

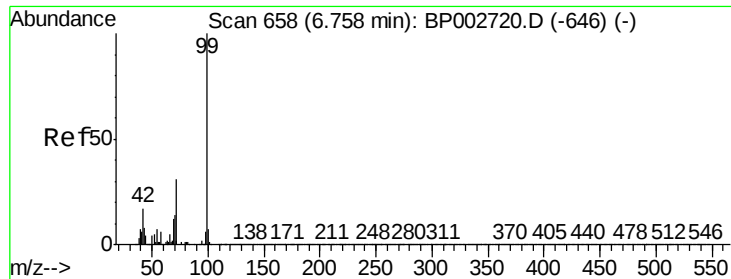


#5

2-Fluorophenol
Concen: 72.422 ng
RT: 5.18 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.6	45.6	68.4
63	29.5	23.5	35.3





#7

Phenol-d6

Concen: 63.841 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002811.D

Acq: 21 Jul 2020 13:29

Instrument :

BNA_P

ClientSampleId :

SAMPLE-1A

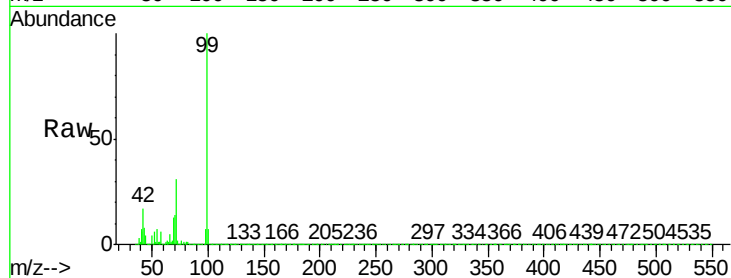
Tot Ion: 99 Resp: 707752

Ion Ratio Lower Upper

99 100

42 16.6 13.4 20.2

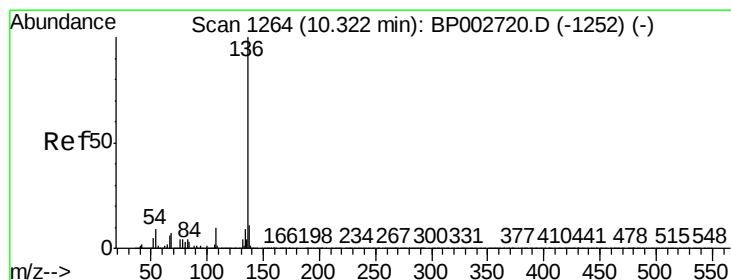
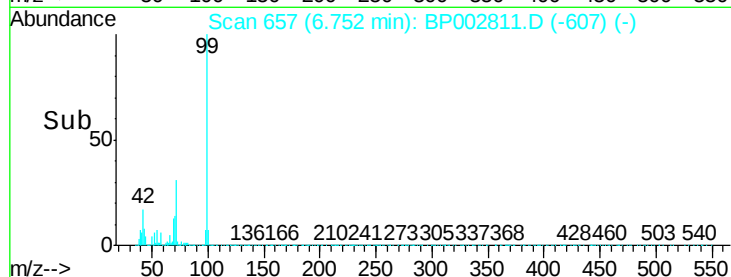
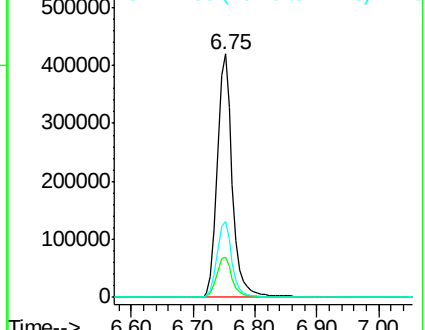
71 31.2 24.6 36.8



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: BP002811.D

Acq: 21 Jul 2020 13:29

Tgt Ion: 136 Resp: 497941

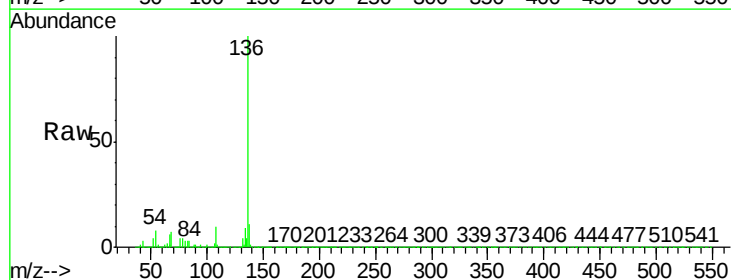
Ion Ratio Lower Upper

136 100

137 11.2 8.6 13.0

54 8.1 6.9 10.3

68 7.0 5.7 8.5

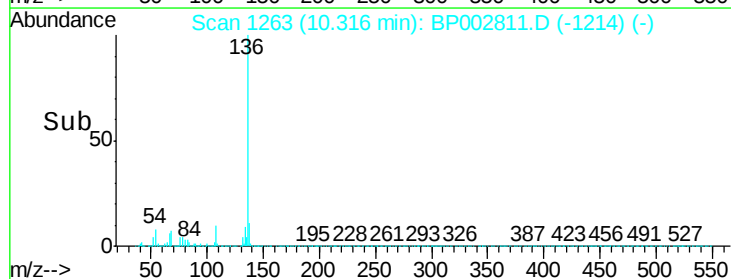
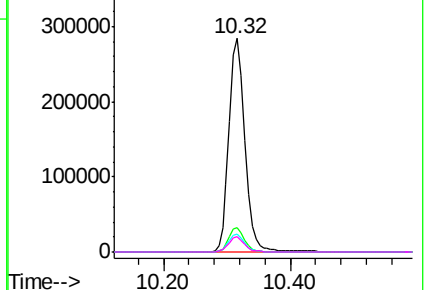


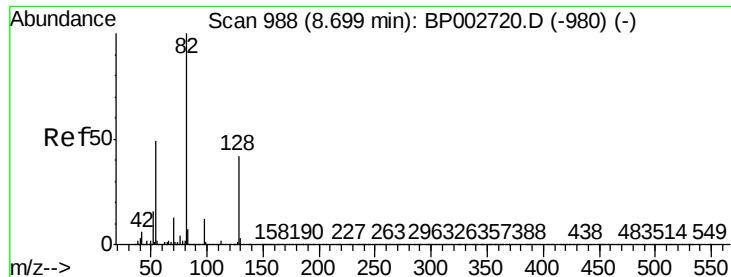
Abundance Ion 136.00 (135.70 to 136.70): E

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

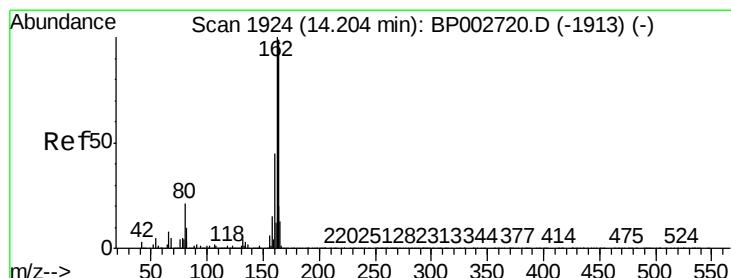
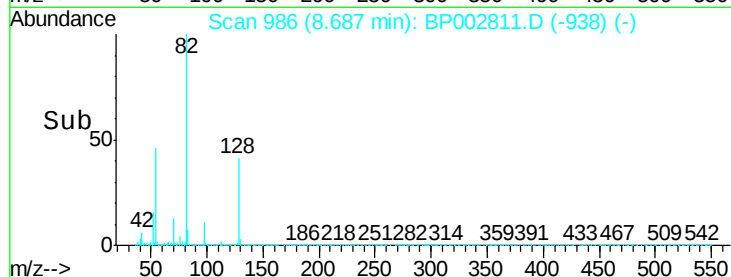
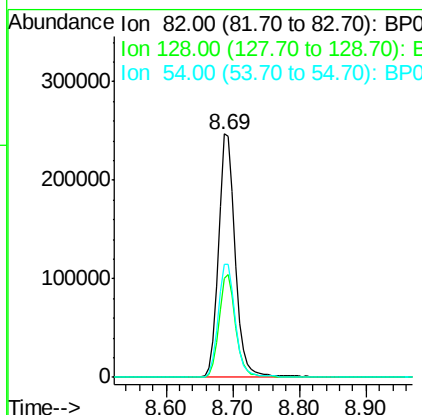
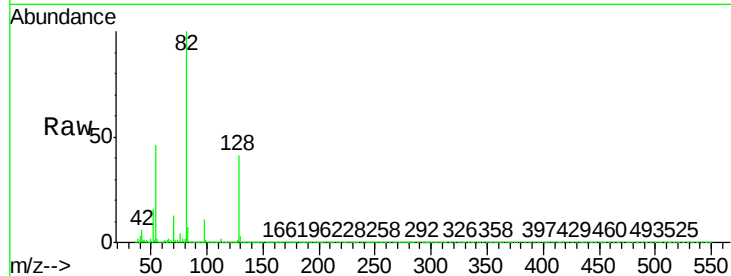




#23
Nitrobenzene-d5
Concen: 47.326 ng
RT: 8.69 min Scan# 986
Delta R.T. -0.02 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

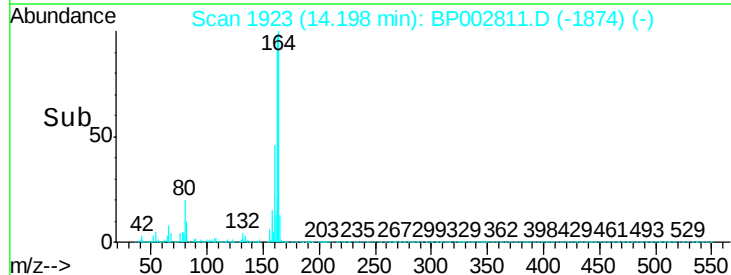
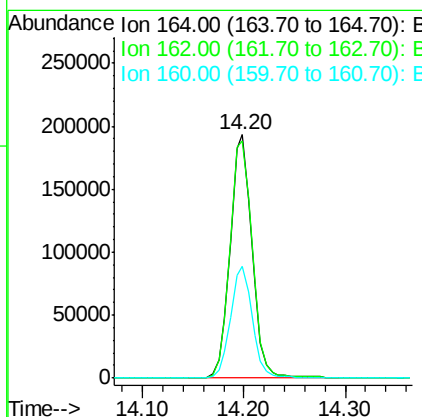
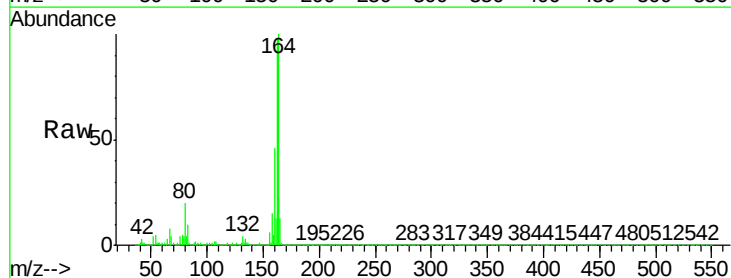
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

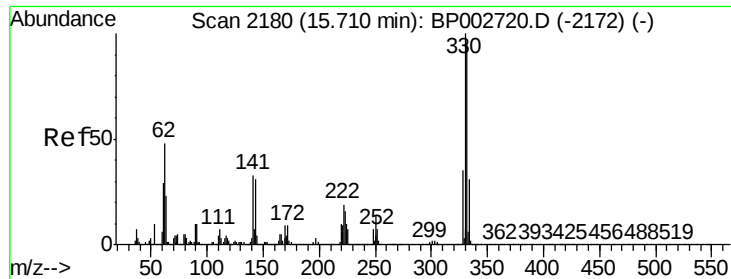
Tot Ion	82	Resp	440610
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.8	50.8
54	46.2	38.8	58.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.20 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion	164	Resp	290137
Ion Ratio	Lower	Upper	
164	100		
162	97.7	80.6	121.0
160	45.7	36.4	54.6

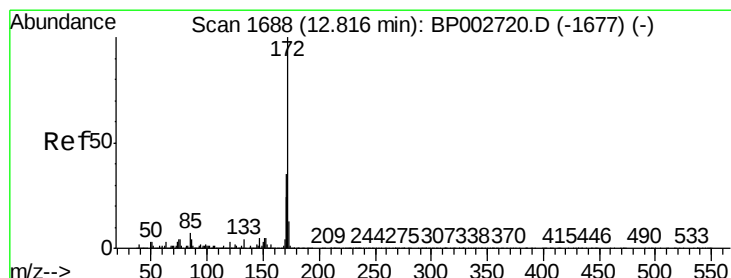
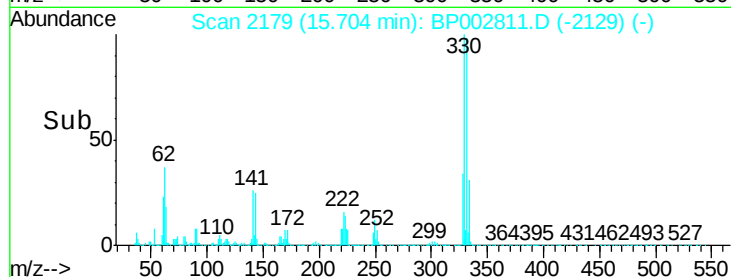
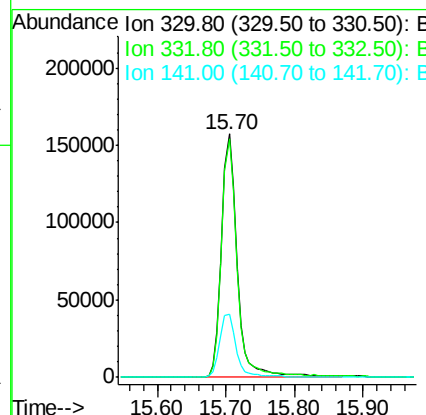
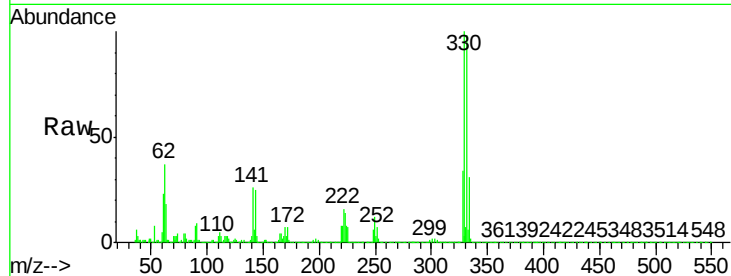




#42
 2,4,6-Tribromophenol
 Concen: 83.029 ng
 RT: 15.70 min Scan# 2179
 Delta R.T. -0.01 min
 Lab File: BP002811.D
 Acq: 21 Jul 2020 13:29

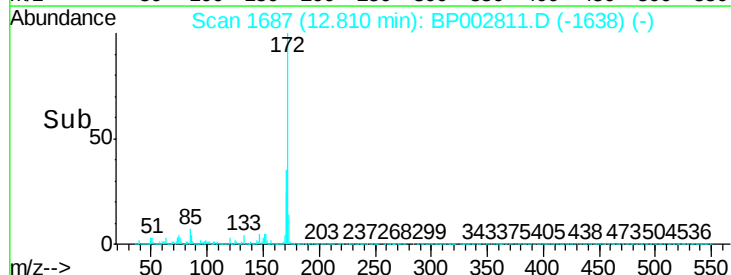
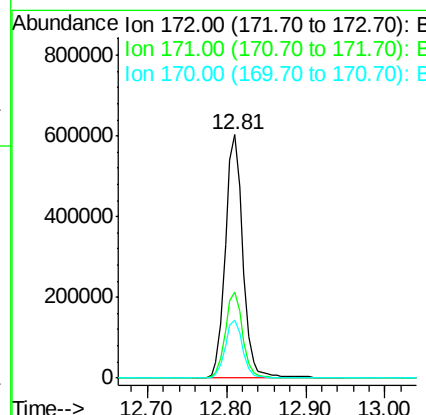
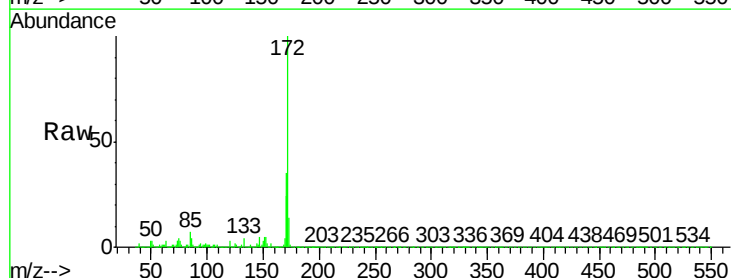
Instrument :
 BNA_P
 ClientSampleId :
 SAMPLE-1A

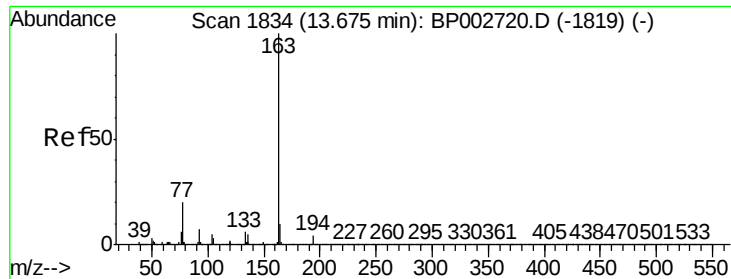
Tot Ion:330 Resp: 251460
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.5 114.7
 141 27.6 28.8 43.2#



#45
 2-Fluorobiphenyl
 Concen: 49.319 ng
 RT: 12.81 min Scan# 1687
 Delta R.T. -0.01 min
 Lab File: BP002811.D
 Acq: 21 Jul 2020 13:29

Tgt Ion:172 Resp: 924985
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.1 42.1
 170 23.9 19.3 28.9

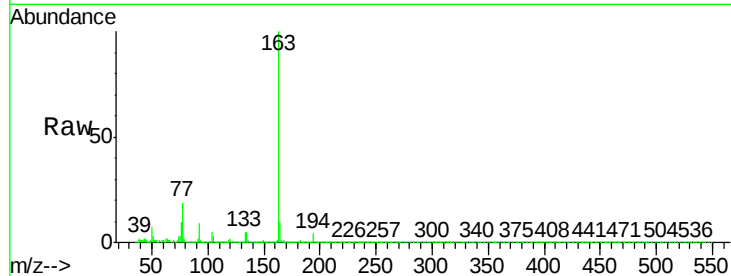




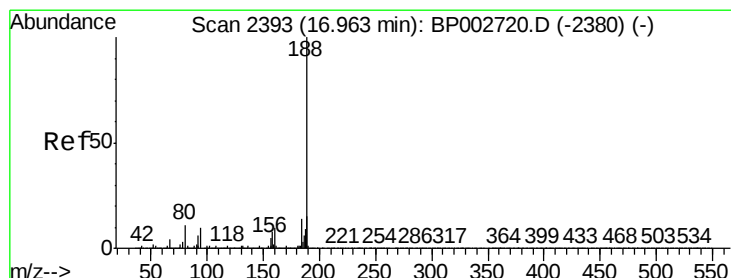
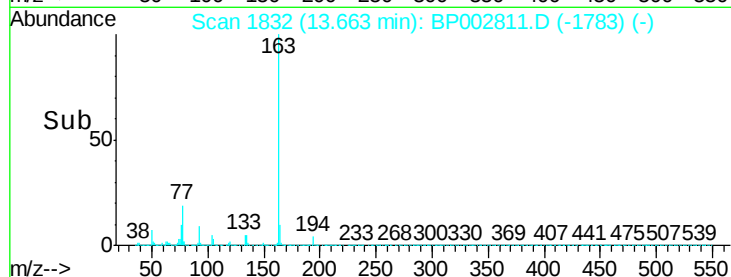
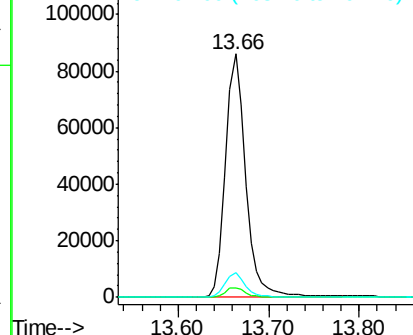
#50
Dimethylphthalate
Concen: 6.065 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tot Ion:163 Resp: 134194
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 7.8 11.8

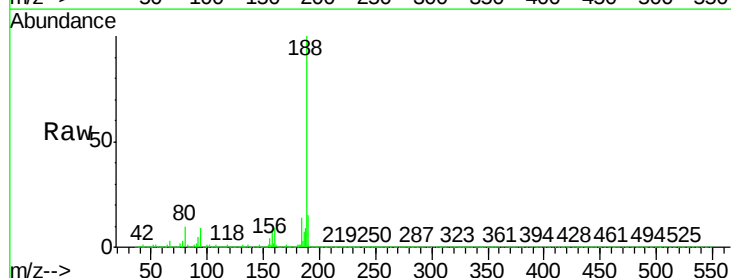


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

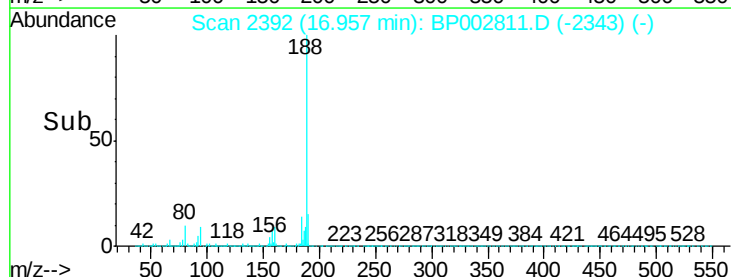
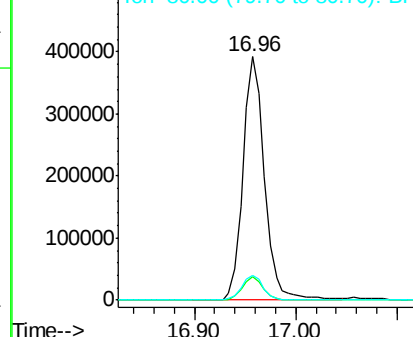


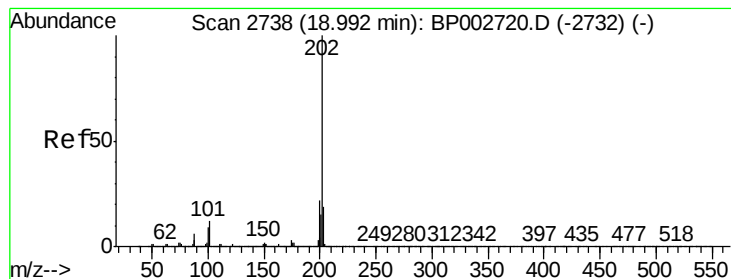
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:188 Resp: 577069
Ion Ratio Lower Upper
188 100
94 9.5 8.1 12.1
80 10.2 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





#75

Fluoranthene

Concen: 5.035 ng

RT: 18.99 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BP002811.D

Acq: 21 Jul 2020 13:29

Instrument :

BNA_P

ClientSampleId :

SAMPLE-1A

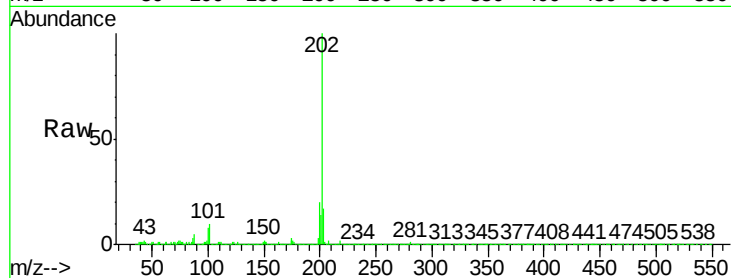
Tot Ion:202 Resp: 182276

Ion Ratio Lower Upper

202 100

101 10.0 0.0 32.5

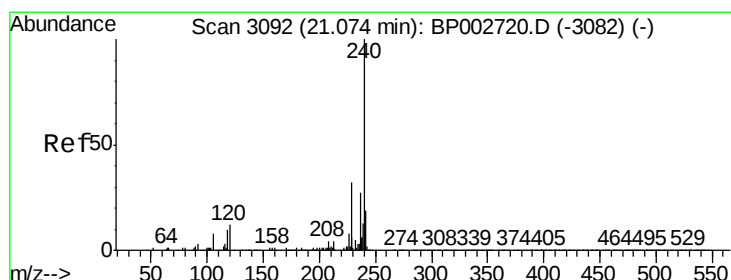
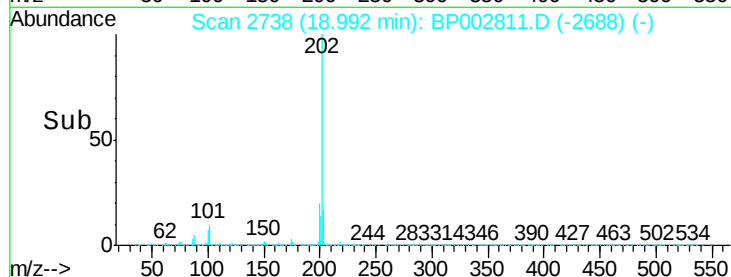
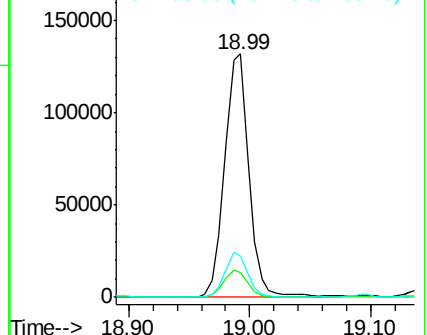
203 16.8 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3091

Delta R.T. -0.01 min

Lab File: BP002811.D

Acq: 21 Jul 2020 13:29

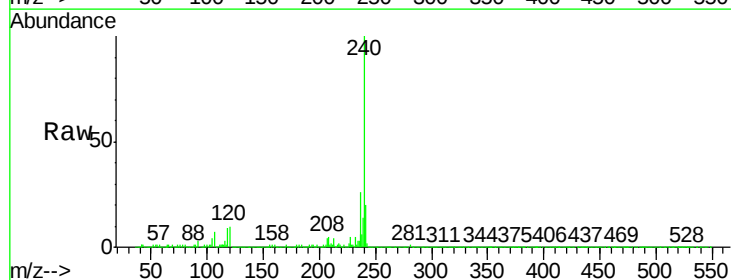
Tgt Ion:240 Resp: 525533

Ion Ratio Lower Upper

240 100

120 10.0 9.4 14.2

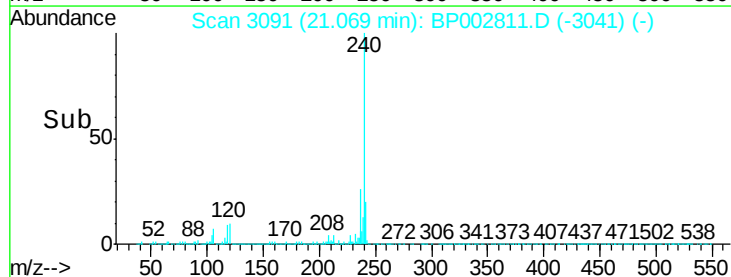
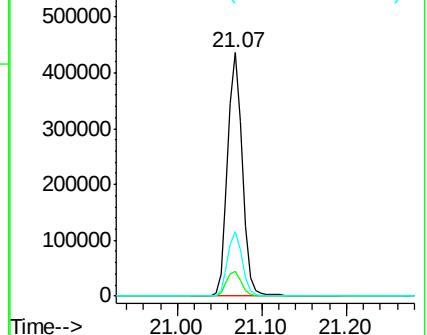
236 26.4 21.3 31.9

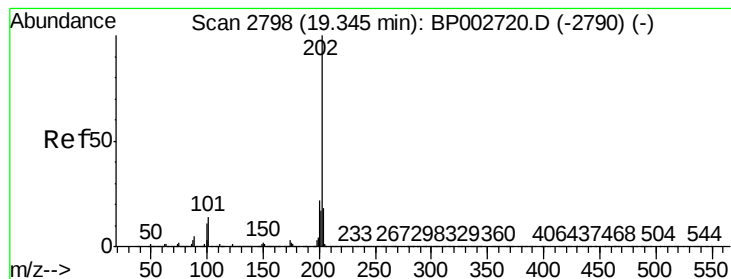


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 4.953 ng

RT: 19.34 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BP002811.D

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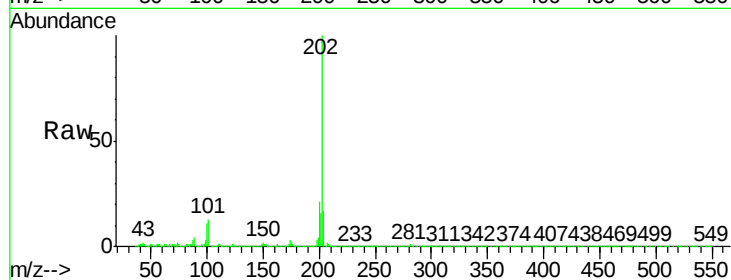
Tot Ion:202 Resp: 179712

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

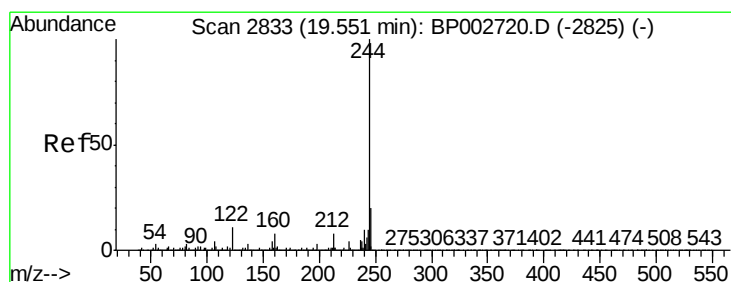
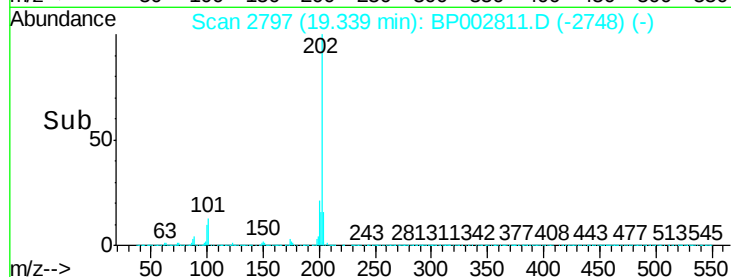
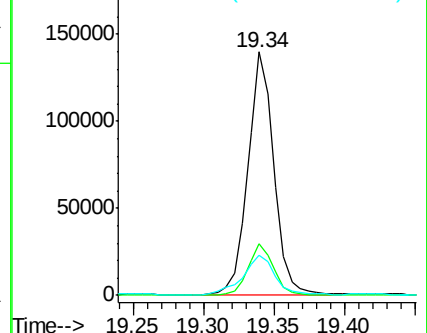
203 16.7 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 48.782 ng

RT: 19.55 min Scan# 2832

Delta R.T. -0.01 min

Lab File: BP002811.D

Acq: 21 Jul 2020 13:29

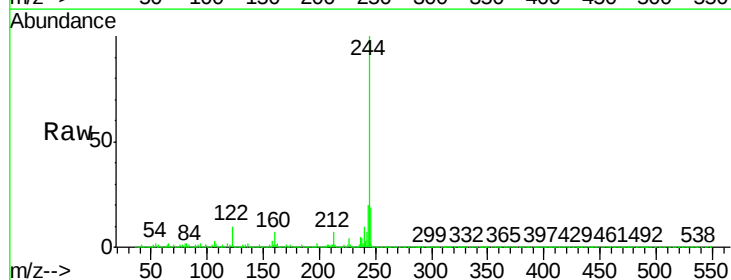
Tgt Ion:244 Resp: 1118169

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

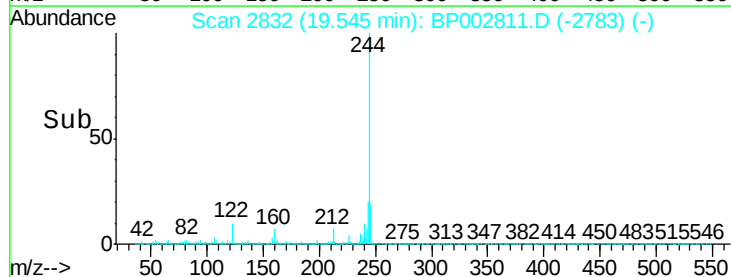
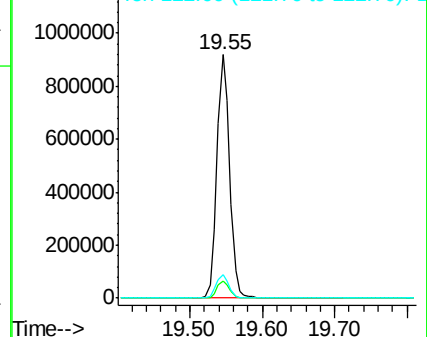
122 9.7 8.9 13.3

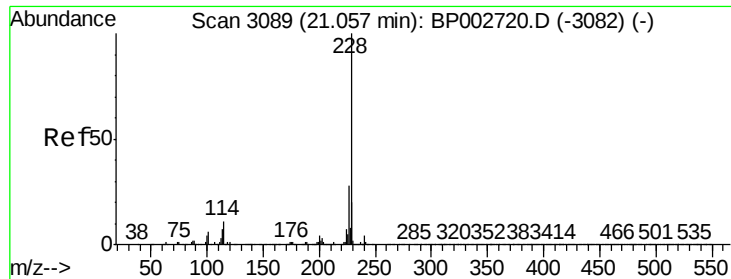


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

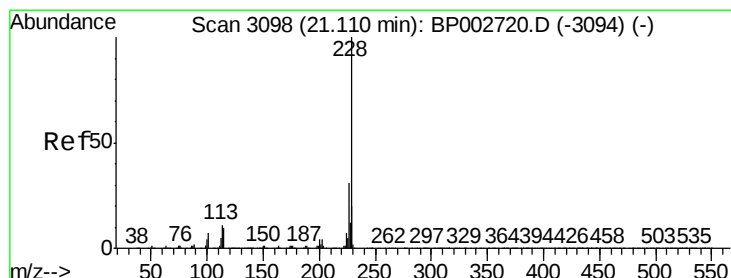
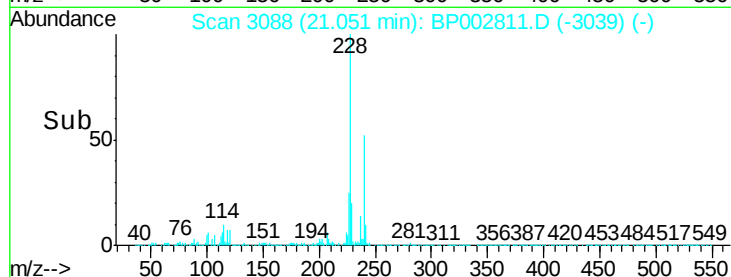
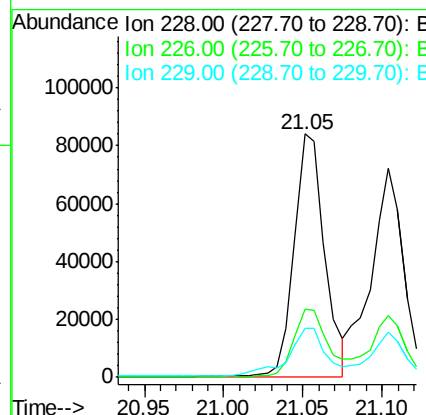
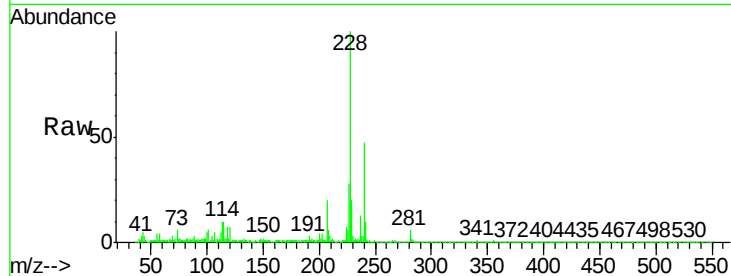




#81
Benzo(a)anthracene
Concen: 3.286 ng
RT: 21.05 min Scan# 3088
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

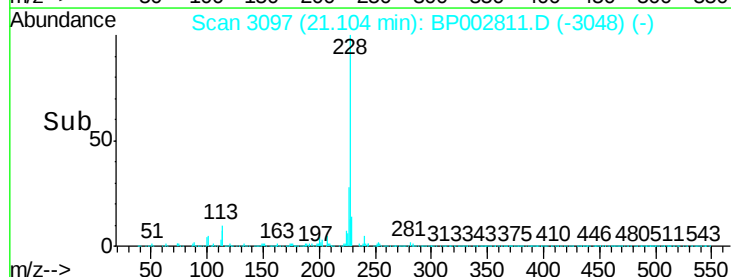
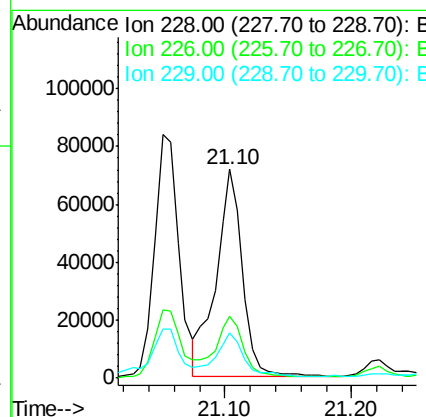
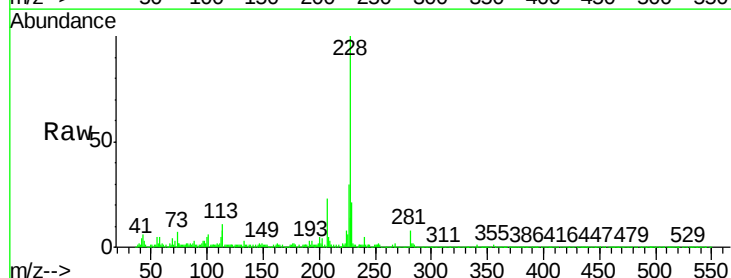
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

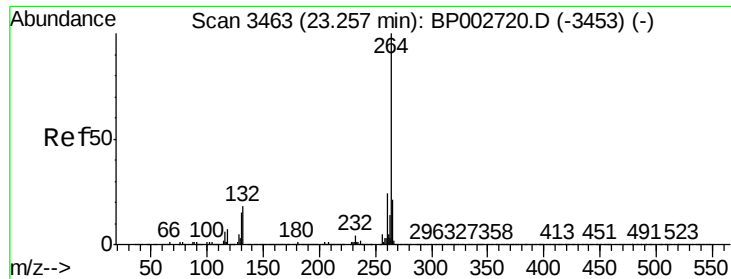
Tot Ion:228 Resp: 111771
Ion Ratio Lower Upper
228 100
226 27.8 22.6 34.0
229 20.4 16.0 24.0



#83
Chrysene
Concen: 3.248 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:228 Resp: 105183
Ion Ratio Lower Upper
228 100
226 29.6 24.6 37.0
229 21.4 15.7 23.5



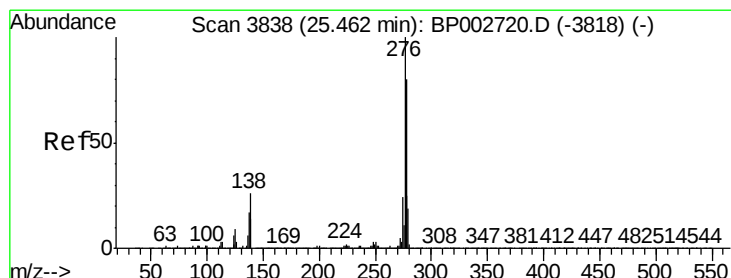
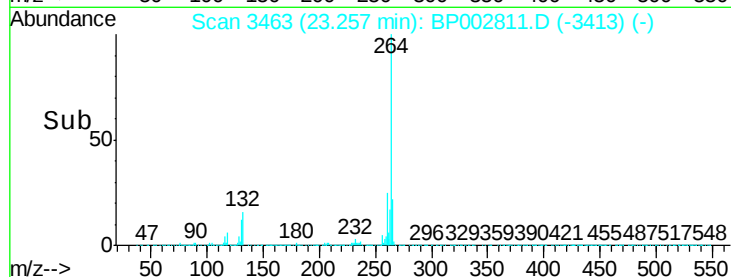
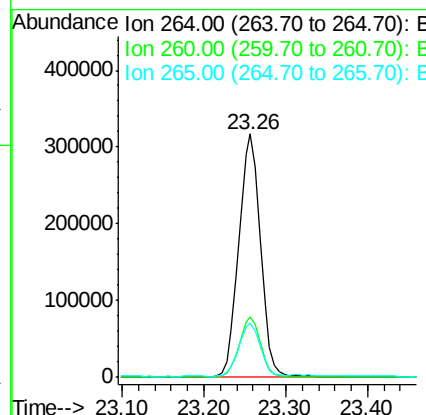
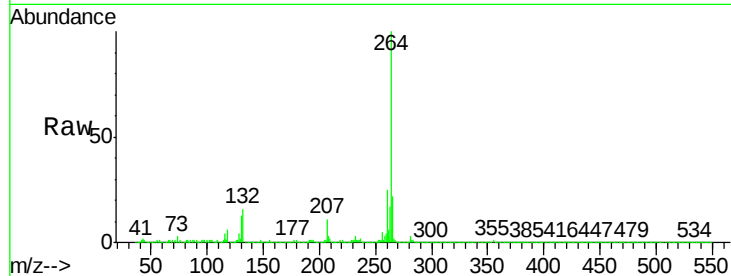


#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3463
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

Tot Ion:264 Resp: 586753

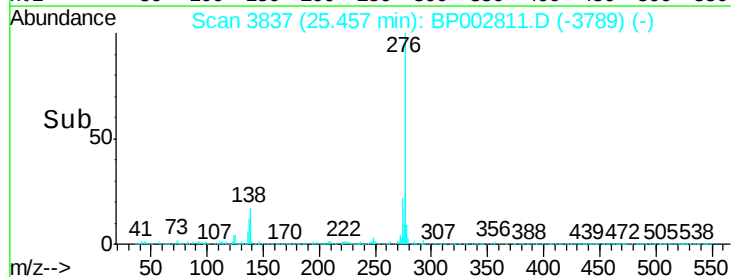
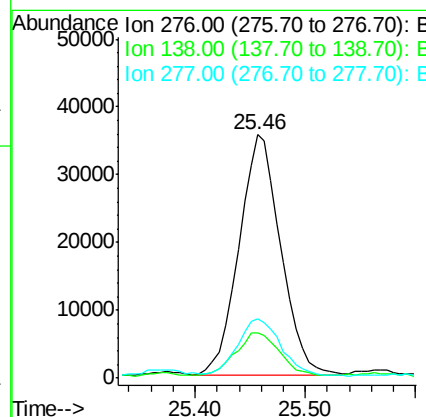
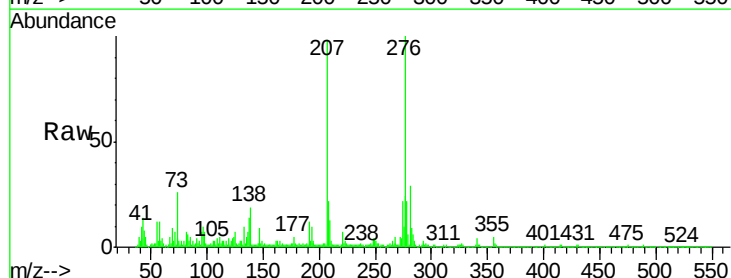
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.3	28.9
265	22.5	16.8	25.2

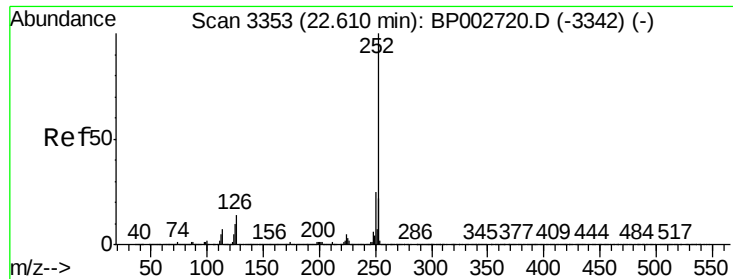


#87
Indeno(1,2,3-cd)pyrene
Concen: 2.207 ng
RT: 25.46 min Scan# 3837
Delta R.T. -0.02 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion:276 Resp: 93577

Ion	Ratio	Lower	Upper
276	100		
138	18.8	20.8	31.2#
277	24.4	20.0	30.0

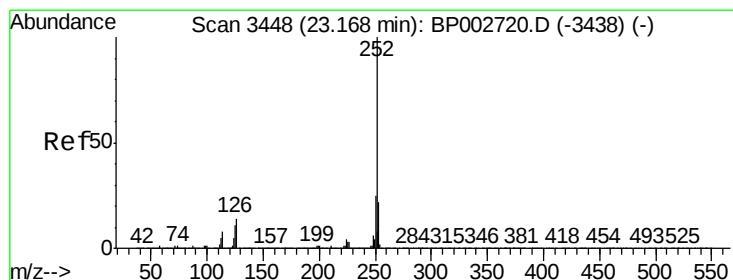
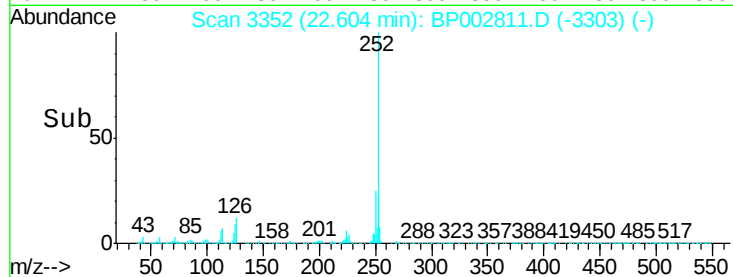
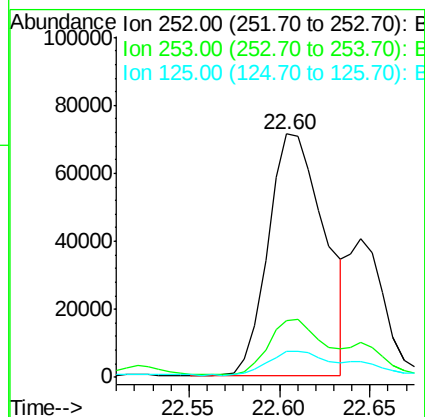
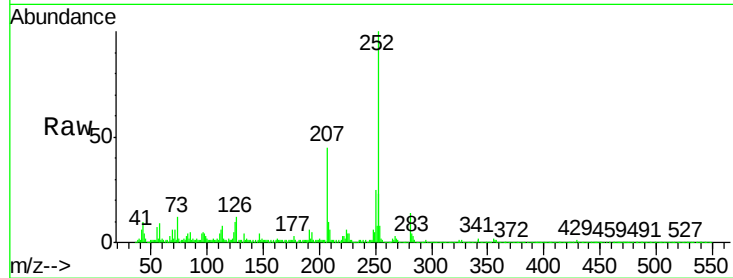




#88
Benzo(b)fluoranthene
Concen: 4.229 ng
RT: 22.60 min Scan# 3352
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

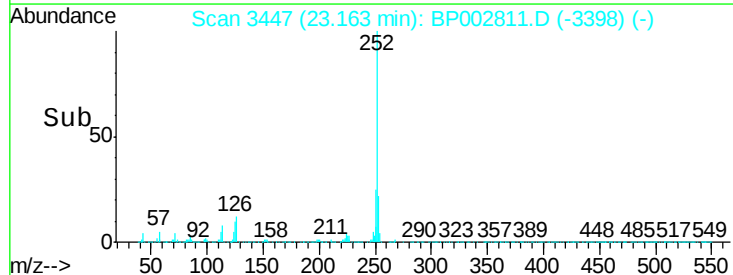
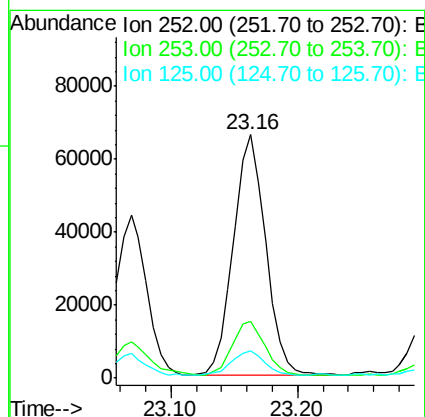
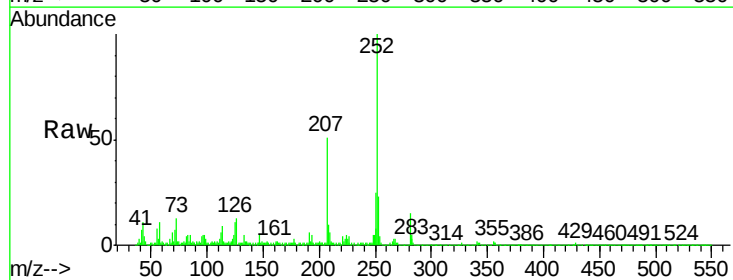
Instrument :
BNA_P
ClientSampleId :
SAMPLE-1A

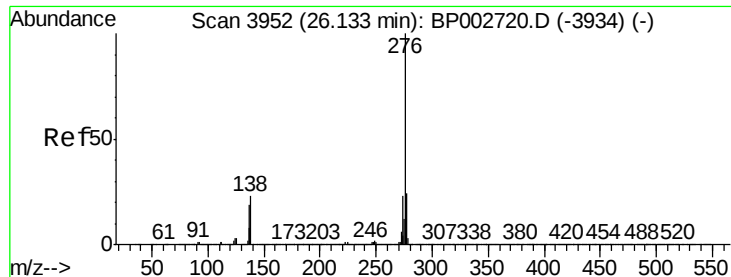
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.7	26.5
125	10.5	8.2	12.2



#90
Benzo(a)pyrene
Concen: 3.362 ng
RT: 23.16 min Scan# 3447
Delta R.T. -0.01 min
Lab File: BP002811.D
Acq: 21 Jul 2020 13:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	11.1	8.6	13.0





#92

Benzo(a,h,i)perylene

Concen: 2.679 ng

RT: 26.13 min Scan# 3952

Delta R.T. -0.01 min

Lab File: BP002811.D

Acq: 21 Jul 2020 13:29

Instrument :

BNA_P

ClientSampleId :

SAMPLE-1A

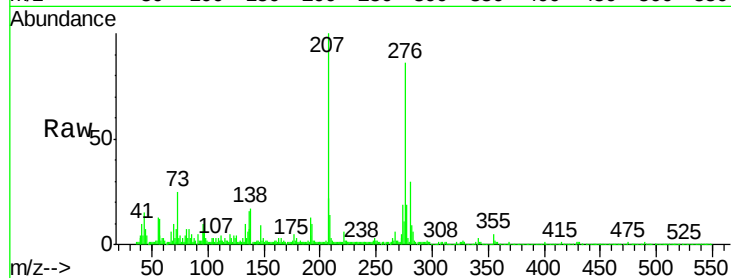
Tot Ion:276 Resp: 92887

Ion Ratio Lower Upper

276 100

277 22.7 19.1 28.7

138 19.9 18.3 27.5



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

