

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072220\
 Data File : BP002835.D
 Acq On : 22 Jul 2020 20:57
 Operator : CG/JU
 Sample : L3186-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-072120

Quant Time: Jul 23 01:55:15 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	128360	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	460811	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	230076	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	442776	20.00	ng	0.00
76) Chrysene-d12	21.07	240	449951	20.00	ng	0.00
86) Perylene-d12	23.26	264	495531	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	836160	109.91	ng	0.00
7) Phenol-d6	6.76	99	914331	84.21	ng	0.00
23) Nitrobenzene-d5	8.70	82	748037	86.82	ng	0.00
42) 2,4,6-Tribromophenol	15.71	330	280513	116.80	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1281690	86.18	ng	0.00
79) Terphenyl-d14	19.55	244	1380659	70.35	ng	0.00

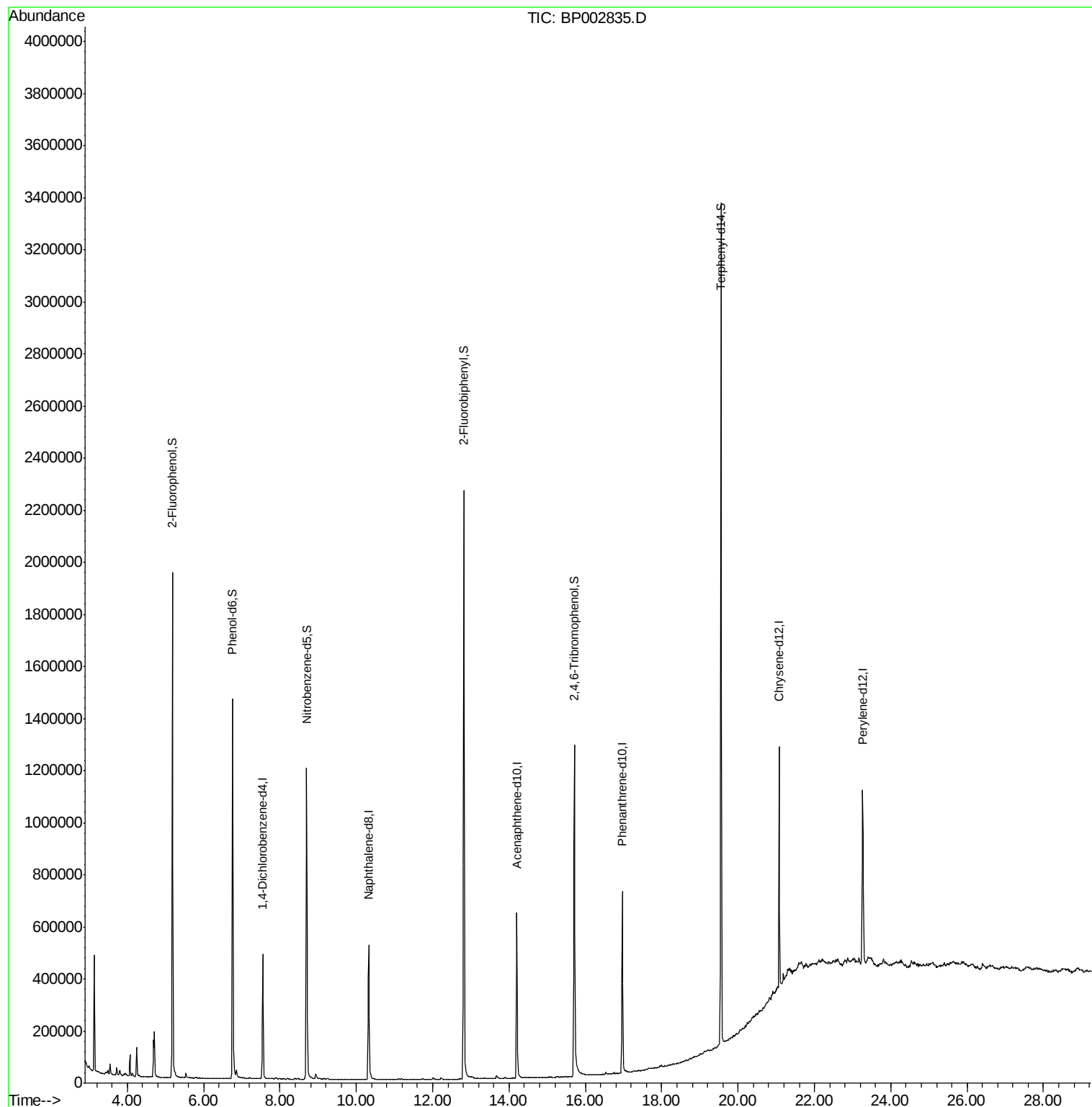
Target Compounds Qvalue

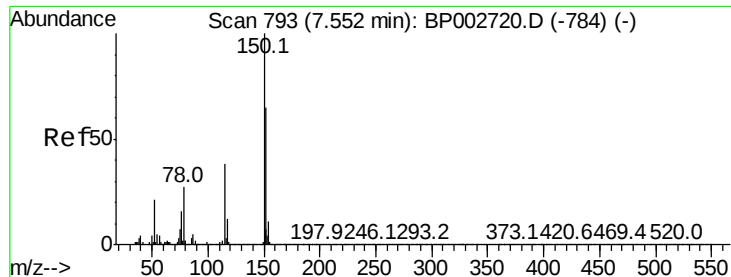
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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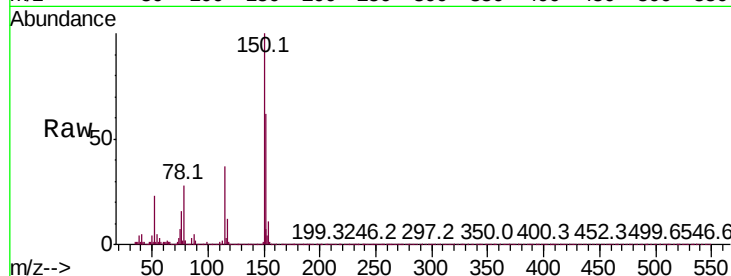


#1

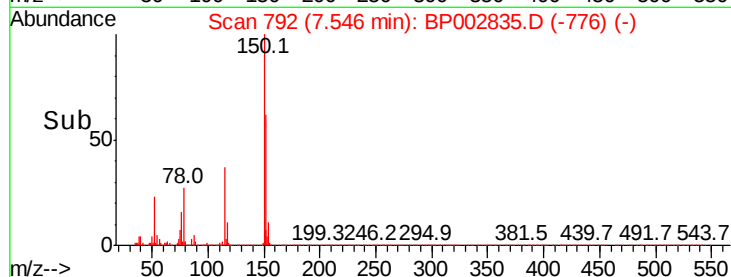
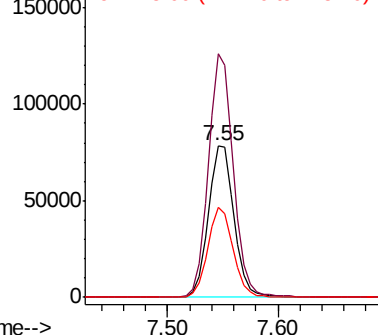
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002835.D
Acq: 22 Jul 2020 20:57

Instrument :
BNA_P
ClientSampleId :
OR-03-072120

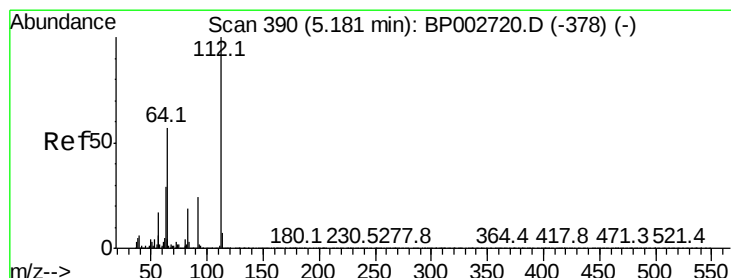
Tot Ion:152 Resp: 128360
Ion Ratio Lower Upper
152 100
150 160.2 123.7 185.5
115 59.5 47.2 70.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



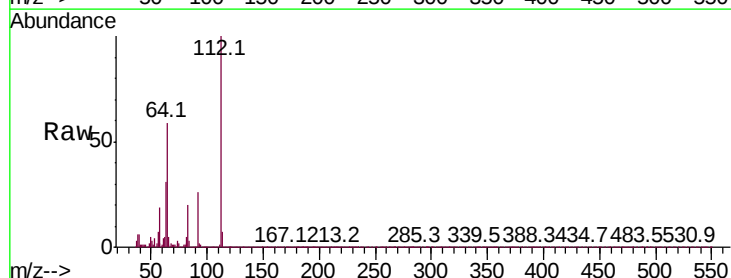
Time-->



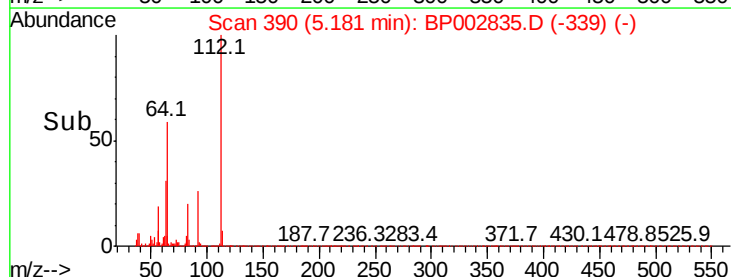
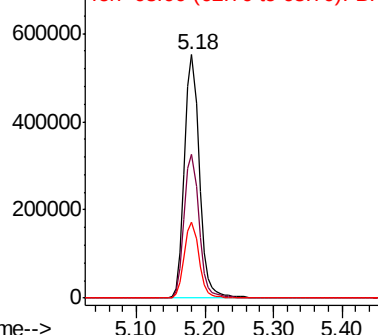
#5

2-Fluorophenol
Concen: 109.906 ng
RT: 5.18 min Scan# 390
Delta R.T. 0.00 min
Lab File: BP002835.D
Acq: 22 Jul 2020 20:57

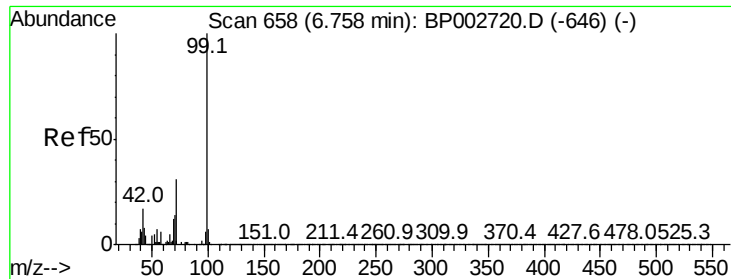
Tgt Ion:112 Resp: 836160
Ion Ratio Lower Upper
112 100
64 59.1 45.6 68.4
63 31.3 23.5 35.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0



Time-->



#7

Phenol-d6

Concen: 84.210 ng

RT: 6.76 min Scan# 658

Delta R.T. 0.00 min

Lab File: BP002835.D

Acq: 22 Jul 2020 20:57

Instrument :

BNA_P

ClientSampleId :

OR-03-072120

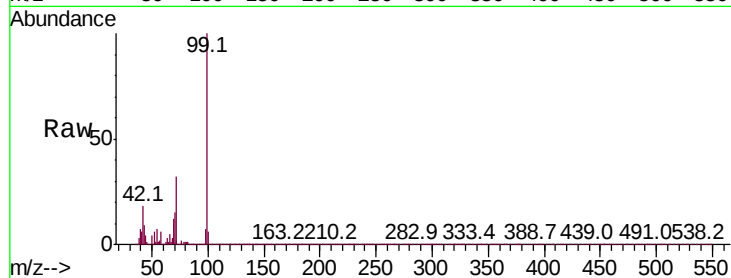
Tot Ion: 99 Resp: 914331

Ion Ratio Lower Upper

99 100

42 17.7 13.4 20.2

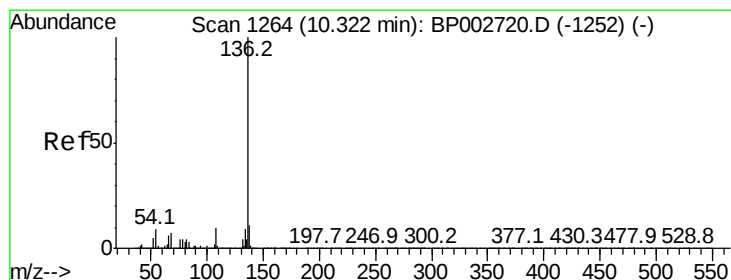
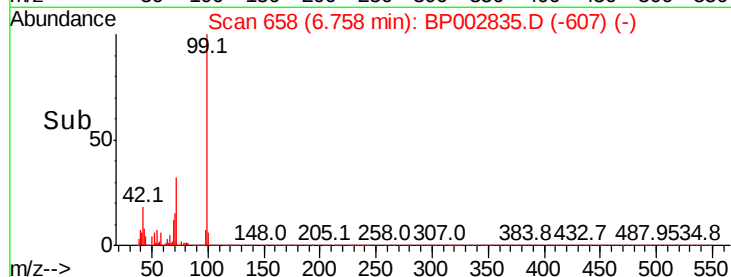
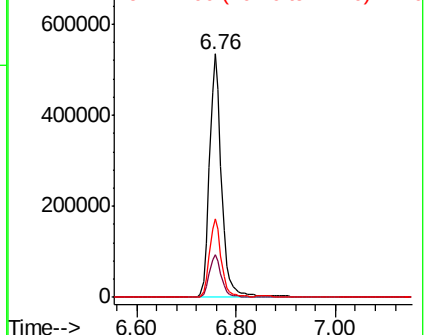
71 32.2 24.6 36.8



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# 1264

Delta R.T. -0.01 min

Lab File: BP002835.D

Acq: 22 Jul 2020 20:57

Tgt Ion: 136 Resp: 460811

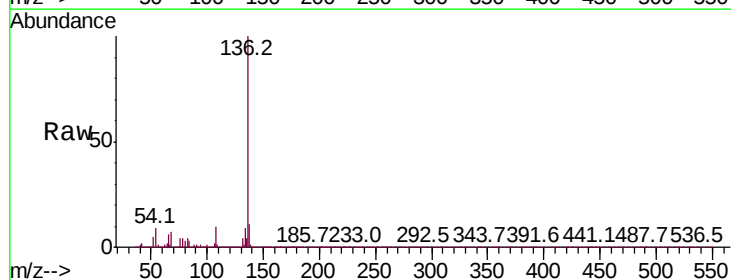
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 8.8 6.9 10.3

68 7.2 5.7 8.5

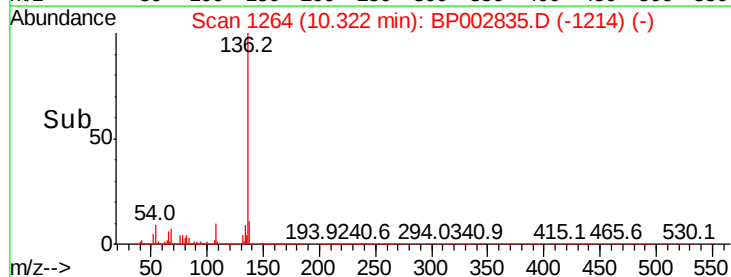
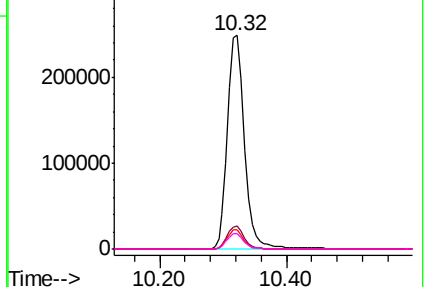


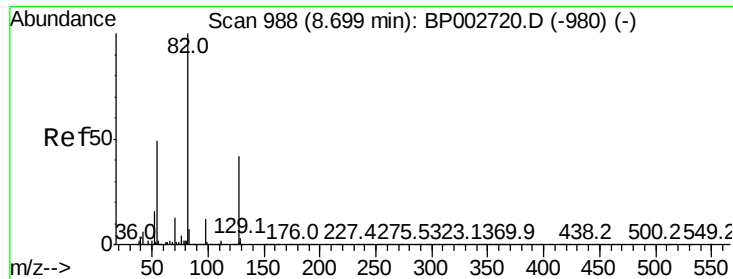
Abundance Ion 136.00 (135.70 to 136.70): E

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

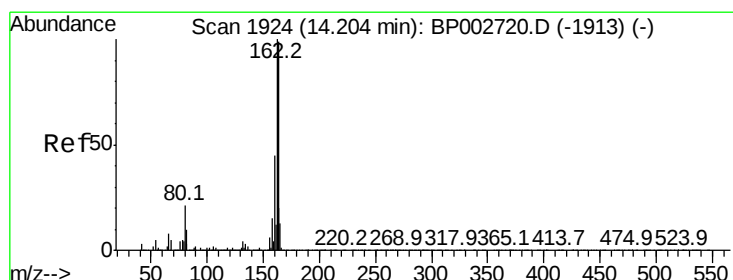
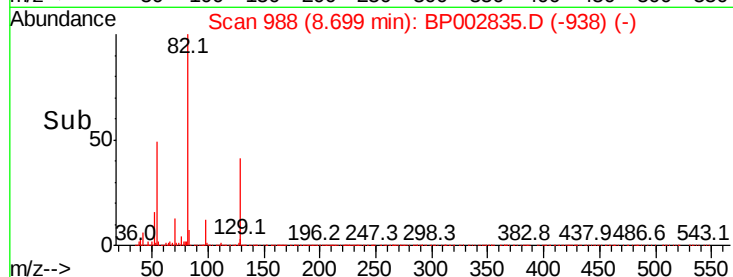
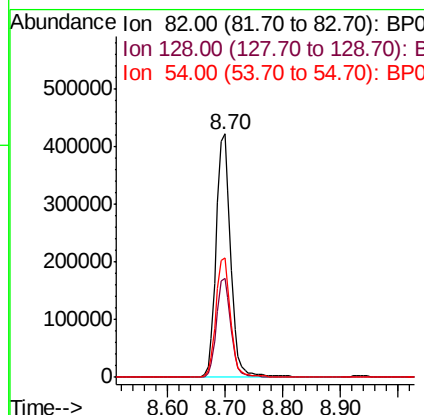
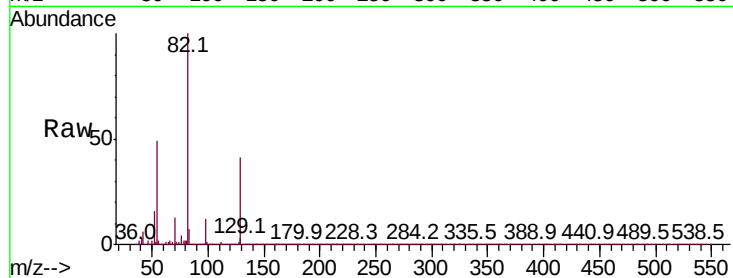




#23
 Nitrobenzene-d5
 Concen: 86.820 ng
 RT: 8.70 min Scan# 988
 Delta R.T. -0.01 min
 Lab File: BP002835.D
 Acq: 22 Jul 2020 20:57

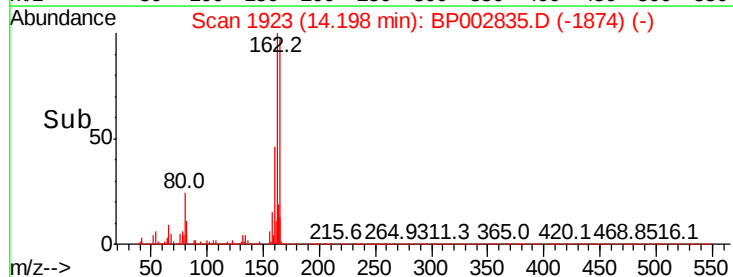
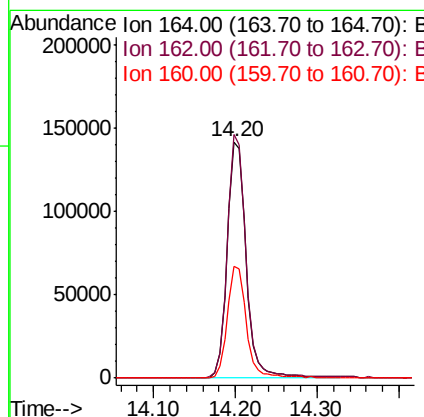
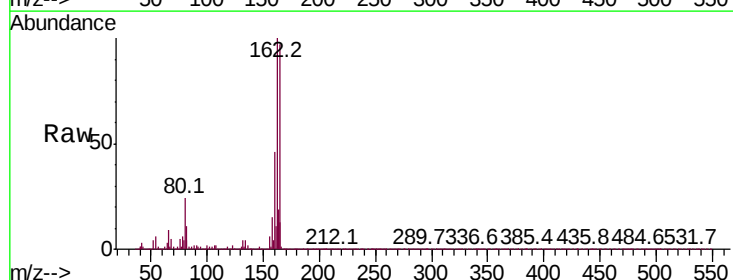
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-072120

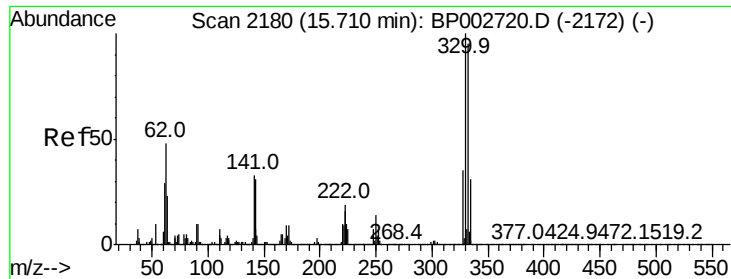
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.6	33.8	50.8
54	49.1	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.20 min Scan# 1923
 Delta R.T. -0.01 min
 Lab File: BP002835.D
 Acq: 22 Jul 2020 20:57

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	80.6	121.0
160	47.5	36.4	54.6

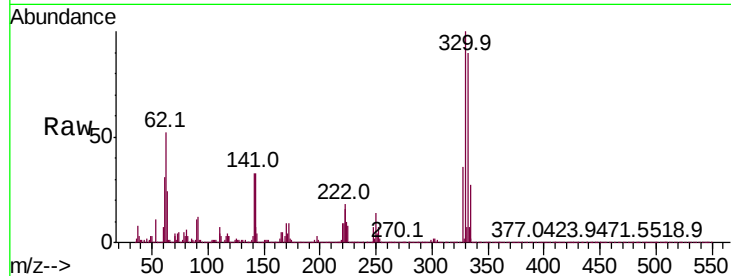




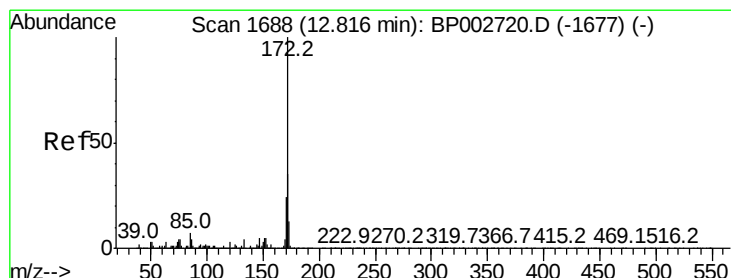
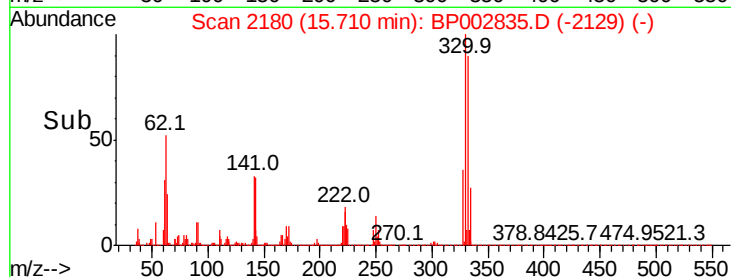
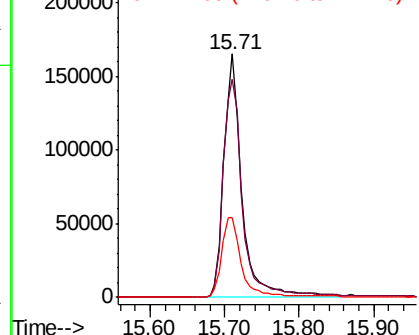
#42
 2,4,6-Tribromophenol
 Concen: 116.801 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. 0.00 min
 Lab File: BP002835.D
 Acq: 22 Jul 2020 20:57

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-072120

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.5	114.7
141	36.5	28.8	43.2

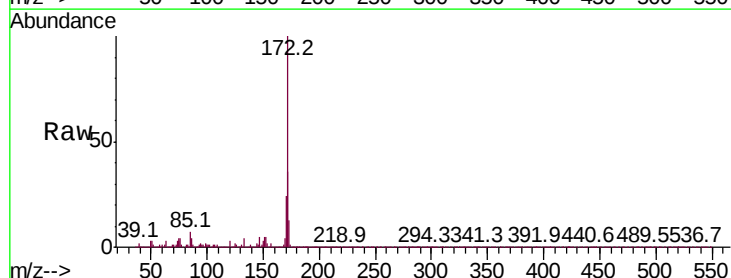


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

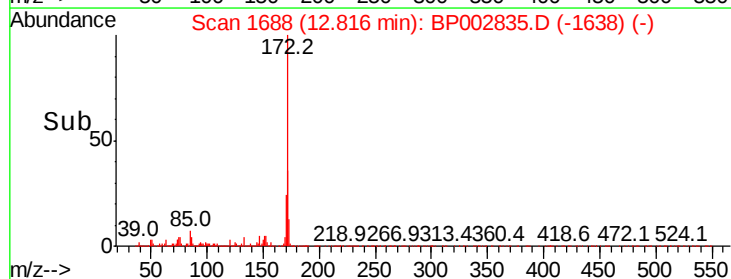
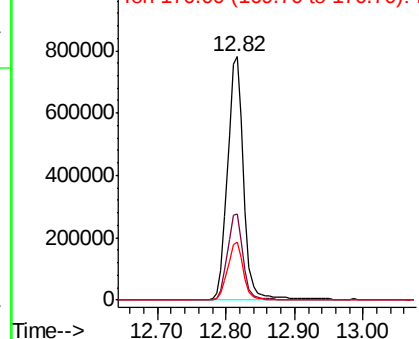


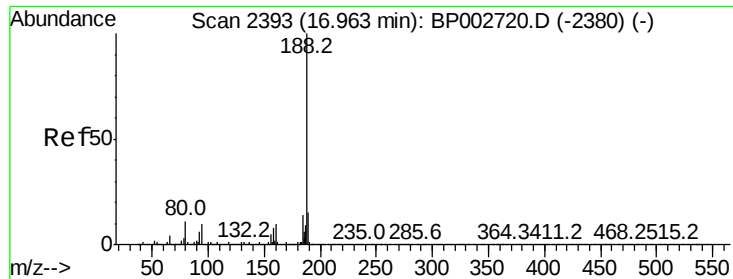
#45
 2-Fluorobiphenyl
 Concen: 86.178 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002835.D
 Acq: 22 Jul 2020 20:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.1	42.1
170	23.7	19.3	28.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.96 min Scan# 2393

Delta R.T. -0.01 min

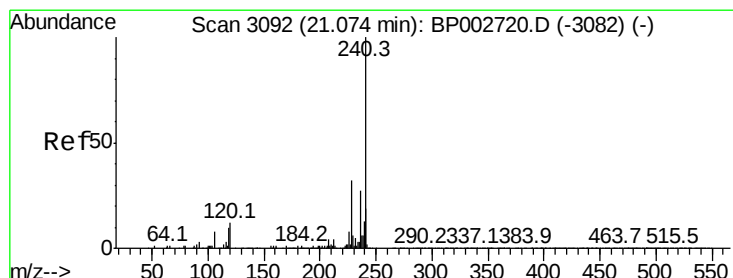
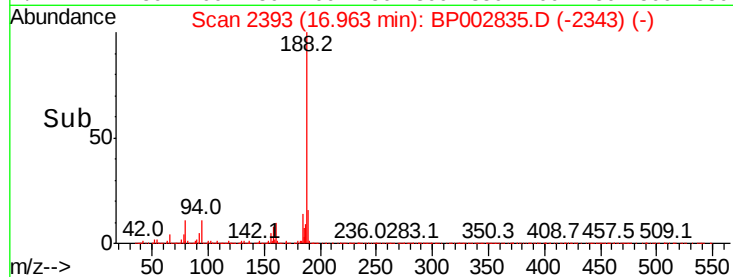
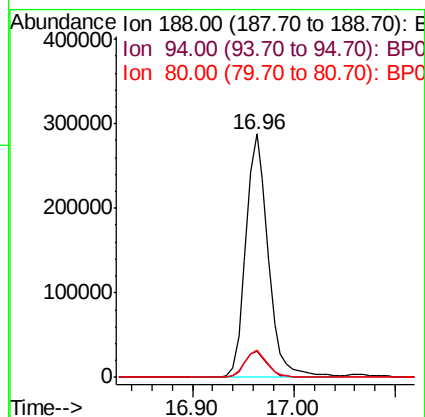
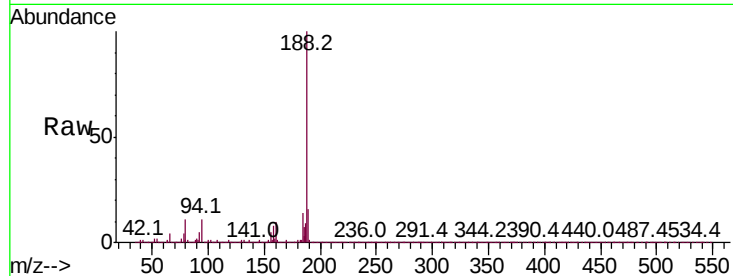
Lab File: BP002835.D

Acq: 22 Jul 2020 20:57

Instrument :
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ClientSampleId :
OR-03-072120

Tot Ion:188 Resp: 442776

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.1	12.1
80	11.3	8.9	13.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.07 min Scan# 3092

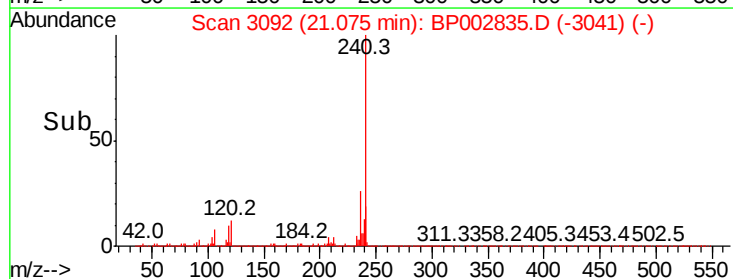
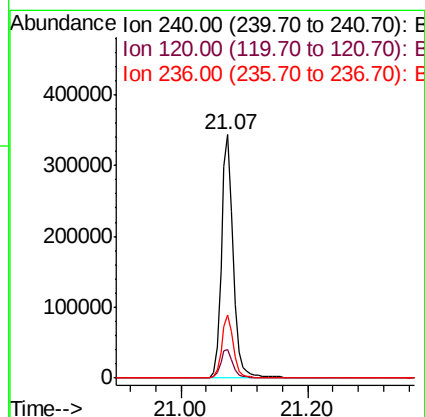
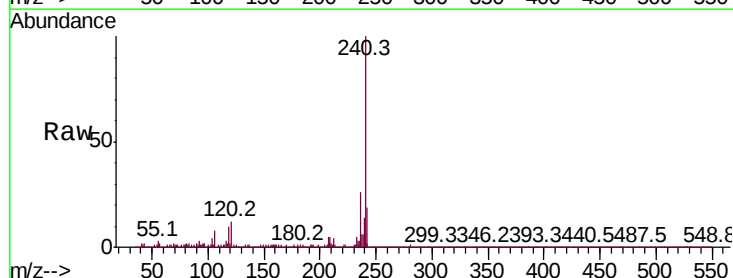
Delta R.T. 0.00 min

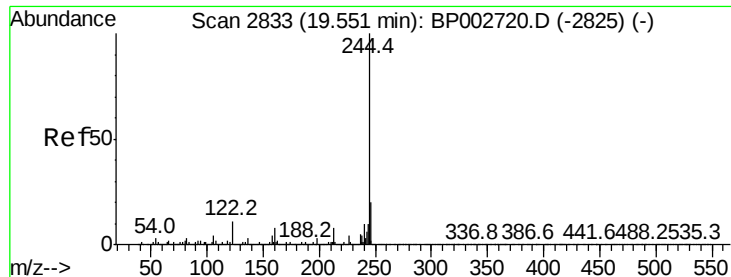
Lab File: BP002835.D

Acq: 22 Jul 2020 20:57

Tgt Ion:240 Resp: 449951

Ion	Ratio	Lower	Upper
240	100		
120	11.8	9.4	14.2
236	26.0	21.3	31.9



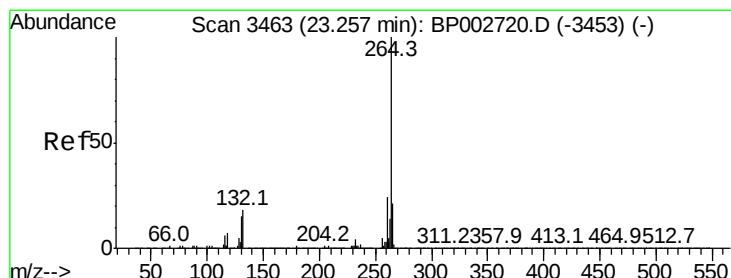
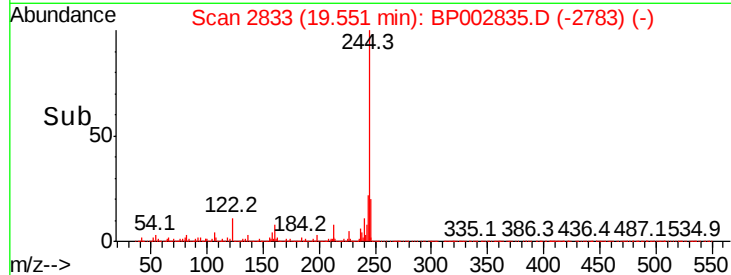
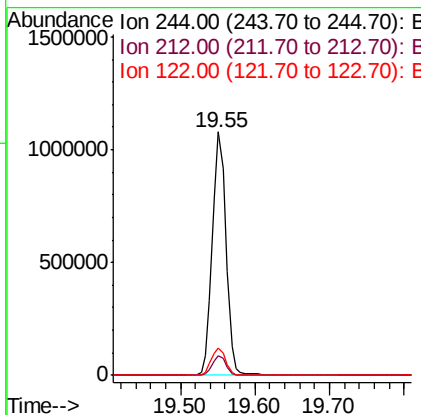
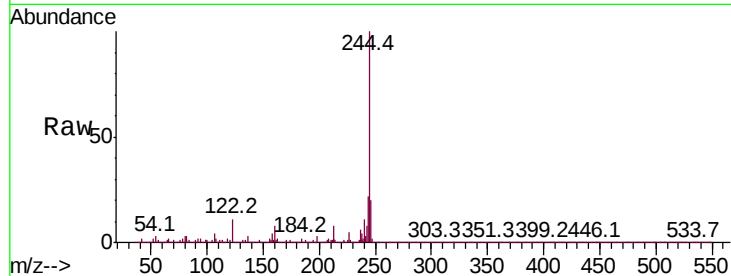


#79
 Terphenyl-d14
 Concen: 70.351 ng
 RT: 19.55 min Scan# 2833
 Delta R.T. -0.01 min
 Lab File: BP002835.D
 Acq: 22 Jul 2020 20:57

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-072120

Tot Ion:244 Resp: 1380659

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.0	9.0
122	11.3	8.9	13.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.26 min Scan# 3464
 Delta R.T. 0.00 min
 Lab File: BP002835.D
 Acq: 22 Jul 2020 20:57

Tgt Ion:264 Resp: 495531

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.1	16.8	25.2

