

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002860.D
 Acq On : 24 Jul 2020 18:49
 Operator : CG/JU
 Sample : L3382-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-011

Quant Time: Jul 25 00:11:21 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 24 15:50:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	76334	20.00	ng	0.00
21) Naphthalene-d8	10.30	136	303027	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	190778	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	450060	20.00	ng	0.00
76) Chrysene-d12	21.06	240	605712	20.00	ng	0.00
86) Perylene-d12	23.23	264	704752	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	608088	134.40	ng	0.00
7) Phenol-d6	6.74	99	679477	105.23	ng	0.00
23) Nitrobenzene-d5	8.68	82	569027	100.43	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	315972	158.67	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	1037692	84.14	ng	0.00
79) Terphenyl-d14	19.53	244	1987506	75.23	ng	0.00

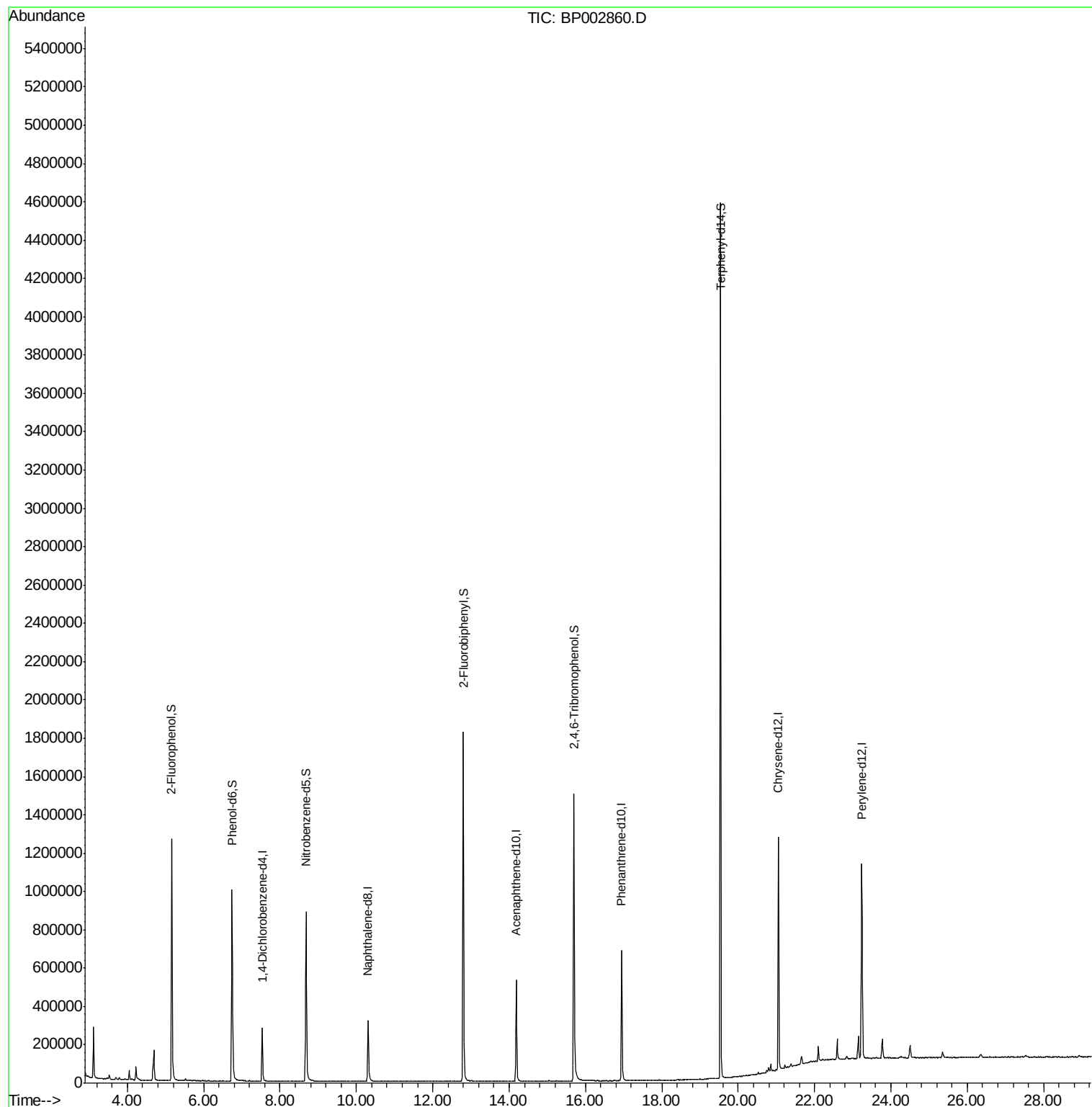
Target Compounds Qvalue

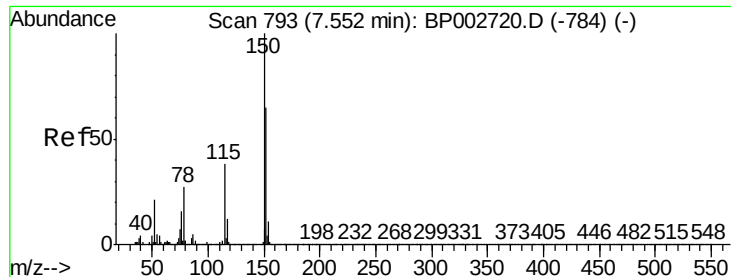
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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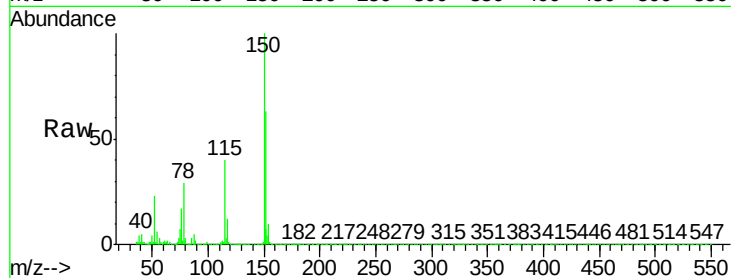


#1

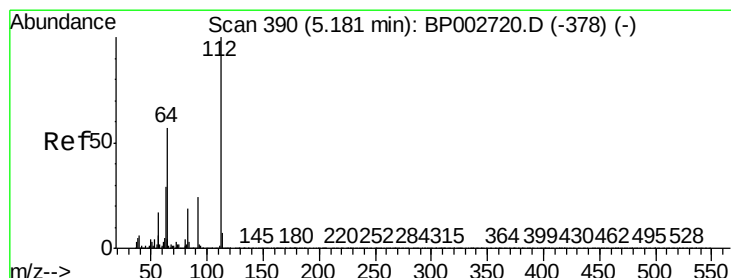
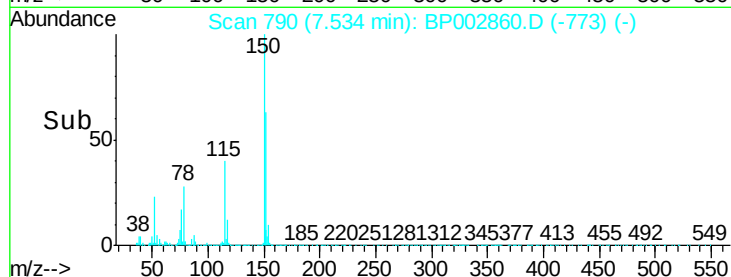
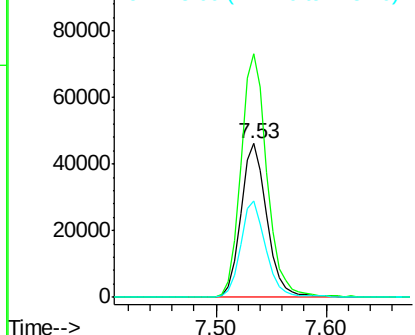
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. 0.00 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

Instrument :
BNA_P
ClientSampled :
CTR-011

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	122.5	183.7
115	62.9	48.5	72.7



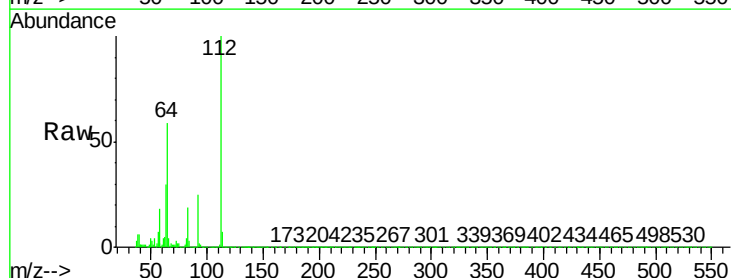
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



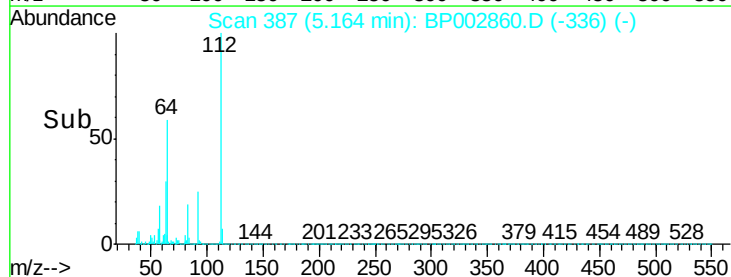
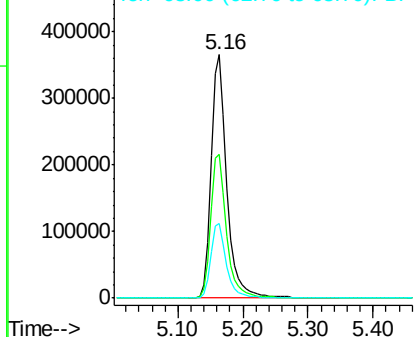
#5

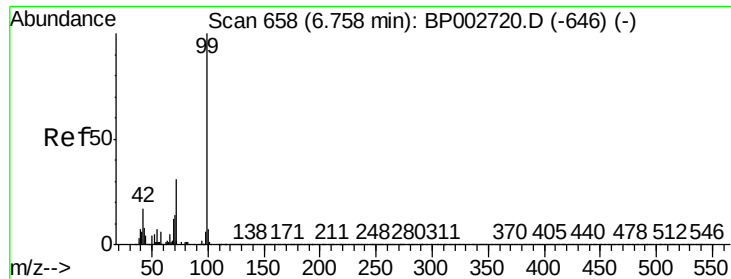
2-Fluorophenol
Concen: 134.404 ng
RT: 5.16 min Scan# 387
Delta R.T. 0.00 min
Lab File: BP002860.D
Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.1	48.1	72.1
63	30.4	24.9	37.3



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





#7

Phenol-d6

Concen: 105.231 ng

RT: 6.74 min Scan# 655

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_P

ClientSampleId :

CTR-011

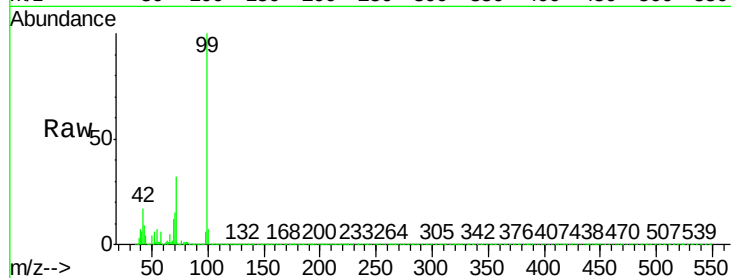
Tot Ion: 99 Resp: 679477

Ion Ratio Lower Upper

99 100

42 17.4 14.2 21.4

71 32.0 26.1 39.1



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

500000

400000

300000

200000

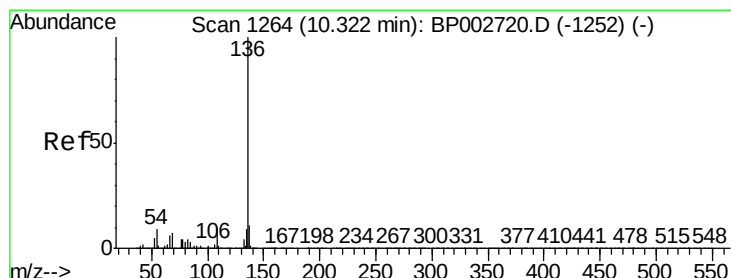
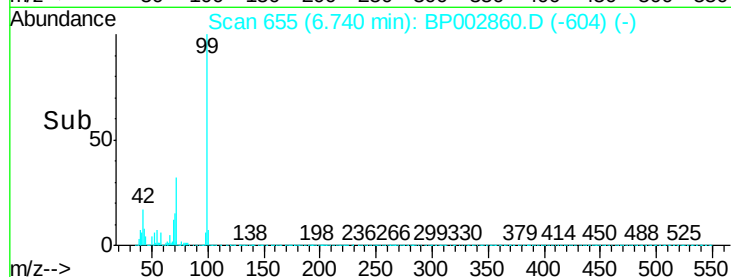
100000

0

6.74

Time-->

6.60 6.70 6.80 6.90 7.00



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Tgt Ion: 136 Resp: 303027

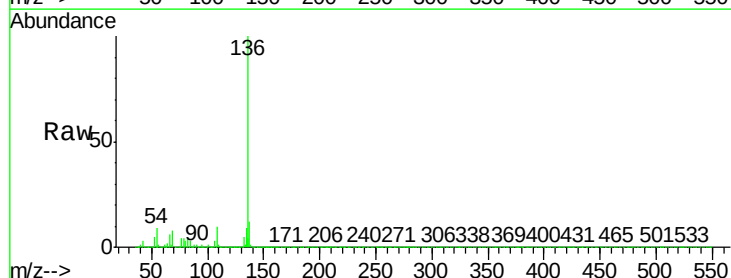
Ion Ratio Lower Upper

136 100

137 11.6 8.8 13.2

54 9.0 7.3 10.9

68 7.6 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

200000

150000

100000

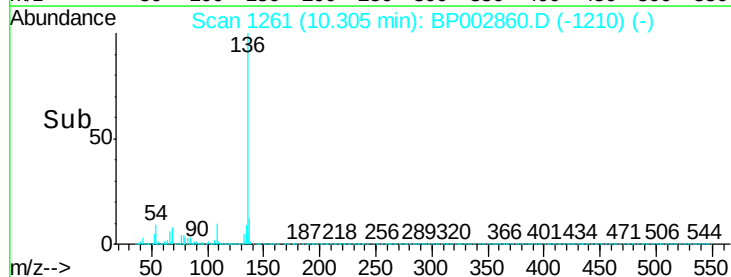
50000

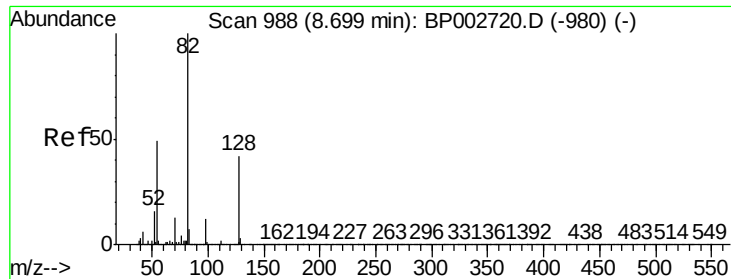
0

10.30

Time-->

10.20 10.30 10.40 10.50

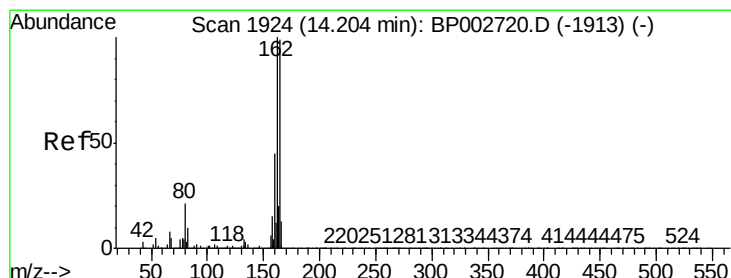
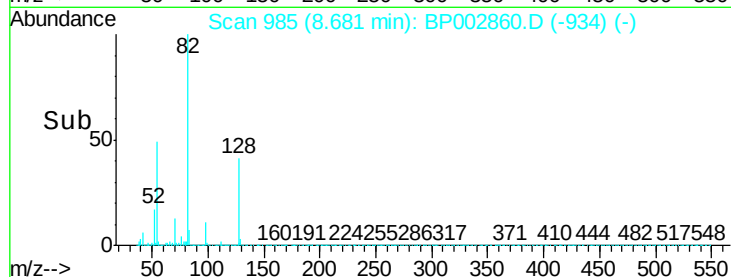
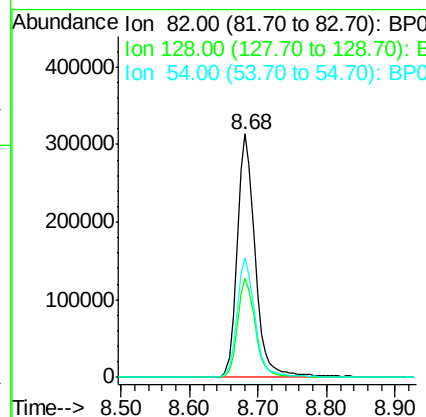
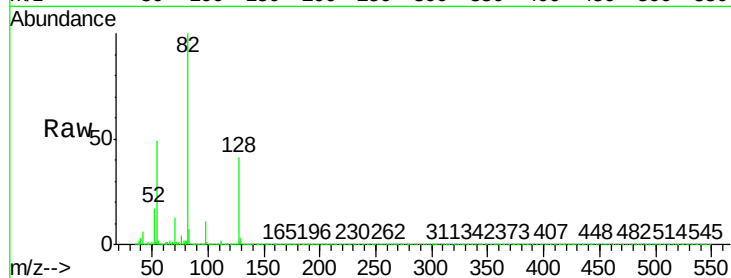




#23
 Nitrobenzene-d5
 Concen: 100.432 ng
 RT: 8.68 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BP002860.D
 Acq: 24 Jul 2020 18:49

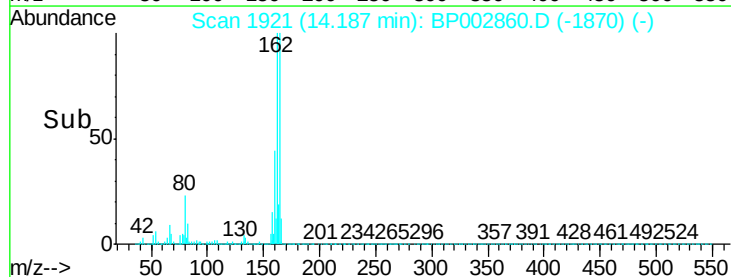
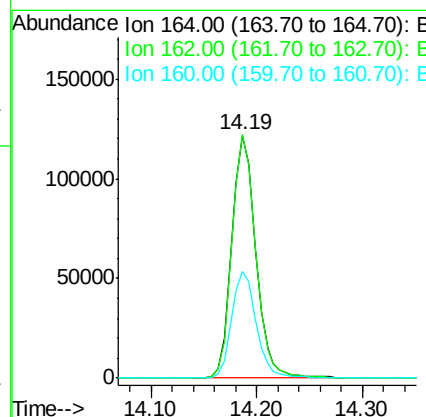
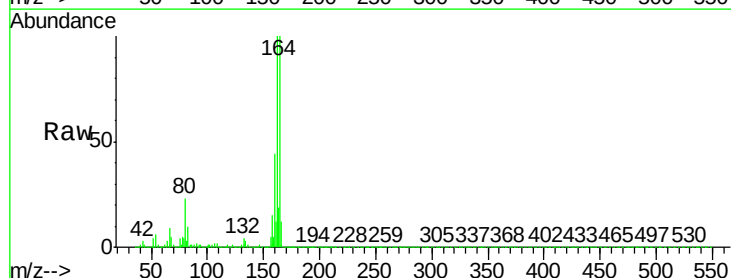
Instrument :
 BNA_P
 ClientSampleId :
 CTR-011

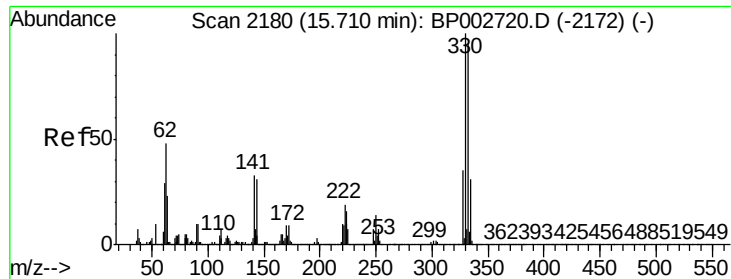
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	32.6	49.0
54	48.9	38.9	58.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BP002860.D
 Acq: 24 Jul 2020 18:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.4	78.4	117.6
160	44.0	36.1	54.1

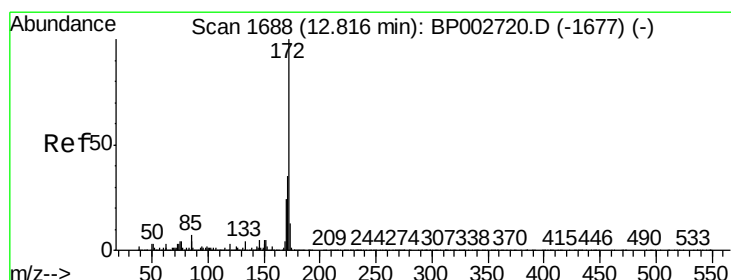
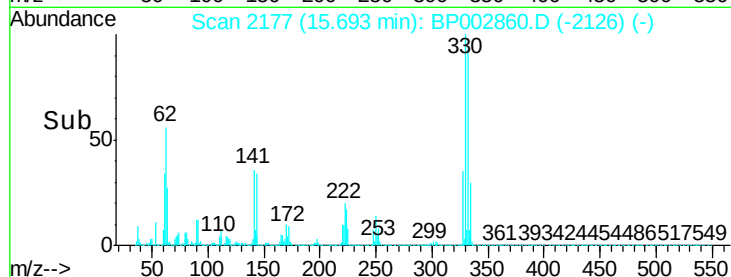
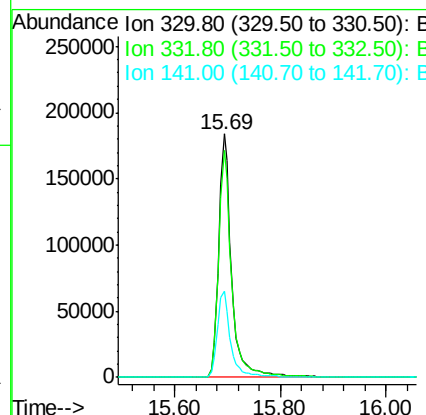
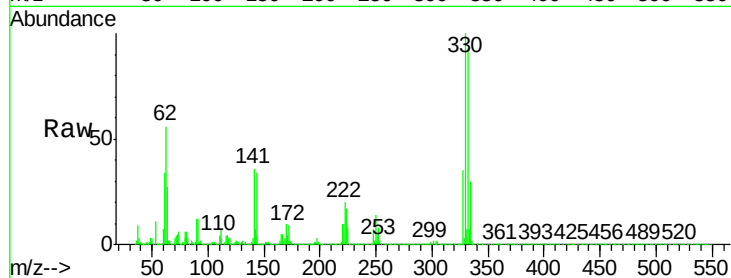




#42
 2,4,6-Tribromophenol
 Concen: 158.667 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: BP002860.D
 Acq: 24 Jul 2020 18:49

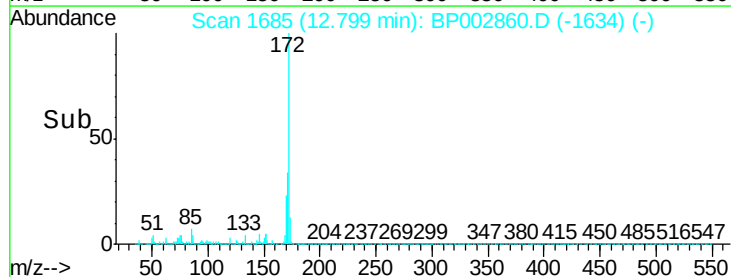
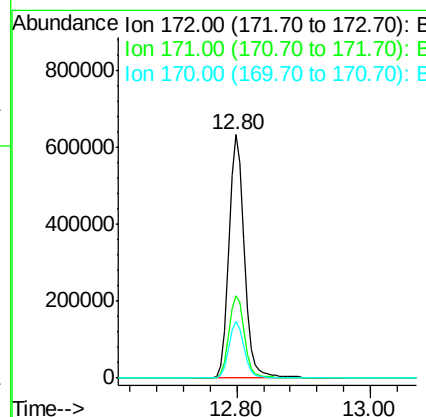
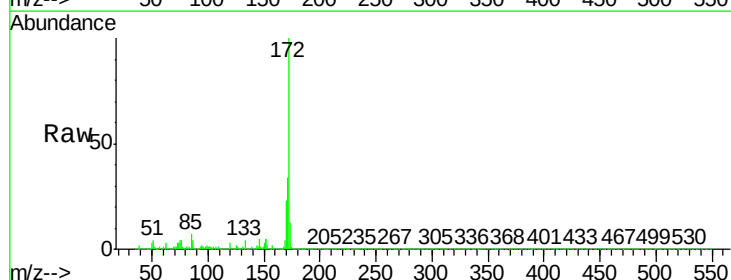
Instrument :
 BNA_P
 ClientSampleID :
 CTR-011

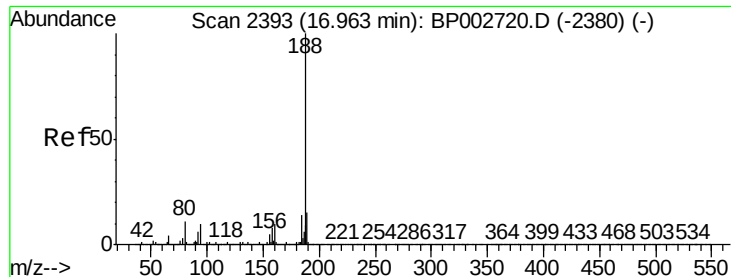
Tot Ion:330 Resp: 315972
 Ion Ratio Lower Upper
 330 100
 332 94.2 77.6 116.4
 141 36.5 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 84.144 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. 0.00 min
 Lab File: BP002860.D
 Acq: 24 Jul 2020 18:49

Tgt Ion:172 Resp: 1037692
 Ion Ratio Lower Upper
 172 100
 171 34.0 27.0 40.4
 170 23.5 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_P

ClientSampleId :

CTR-011

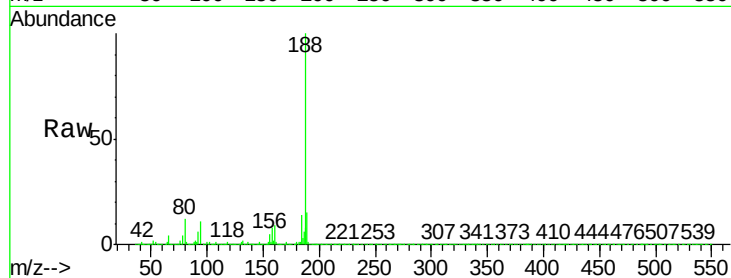
Tot Ion:188 Resp: 450060

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

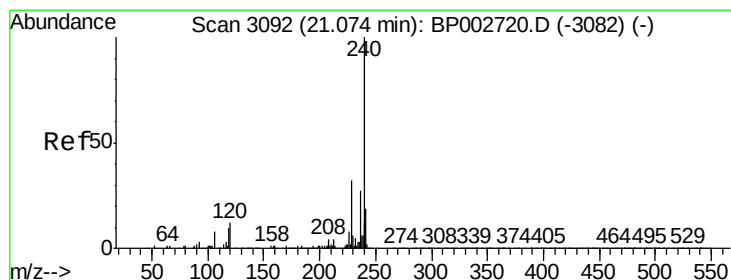
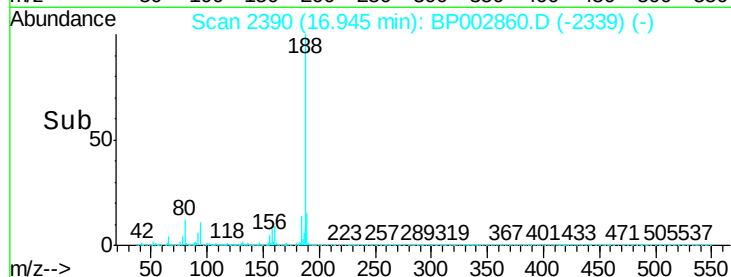
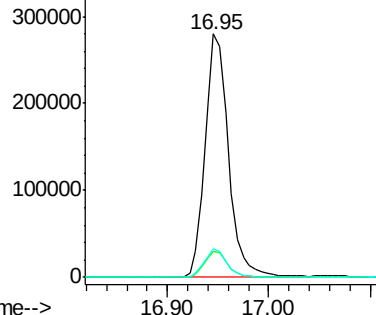
80 11.9 9.0 13.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.06 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

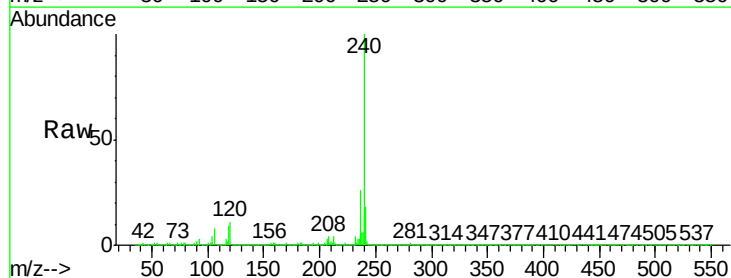
Tgt Ion:240 Resp: 605712

Ion Ratio Lower Upper

240 100

120 10.6 9.2 13.8

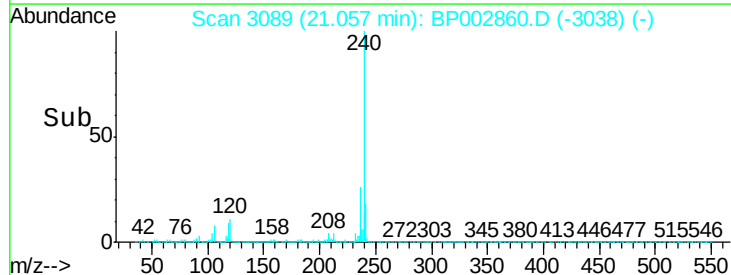
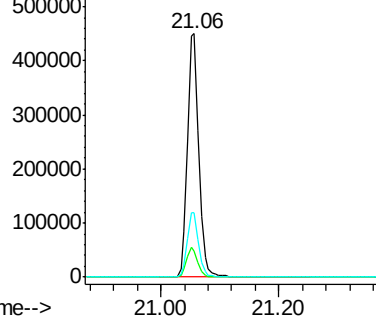
236 26.3 20.3 30.5

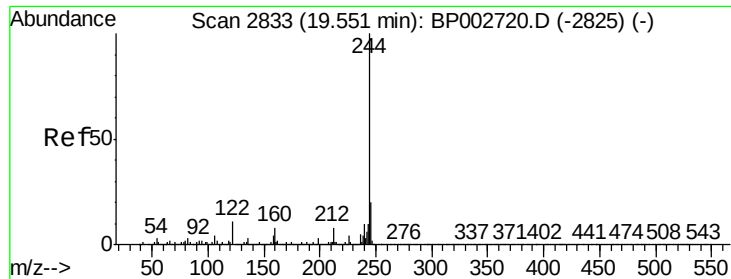


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 75.230 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

Instrument :

BNA_P

ClientSampleId :

CTR-011

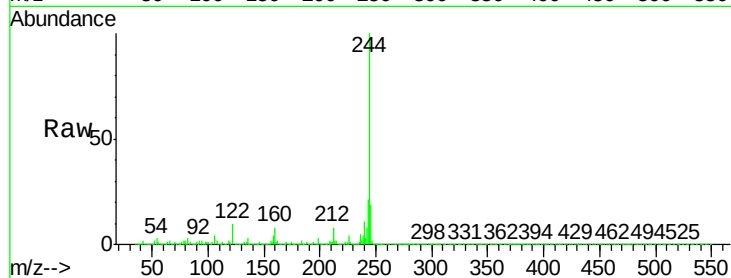
Tot Ion:244 Resp: 1987506

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

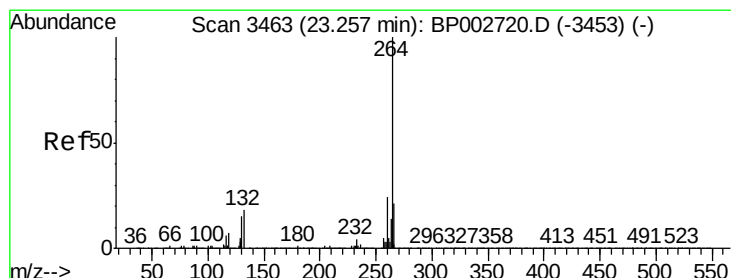
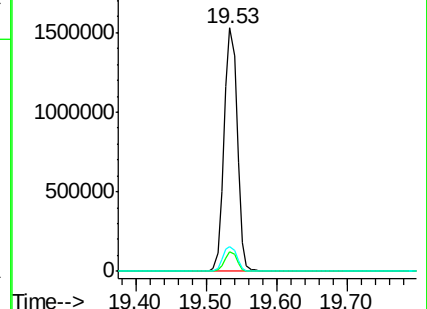
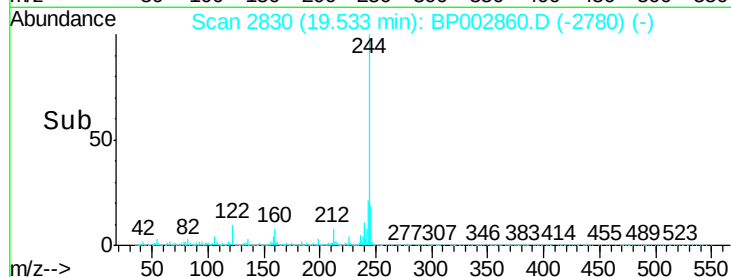
122 10.4 7.9 11.9



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: 23.23 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BP002860.D

Acq: 24 Jul 2020 18:49

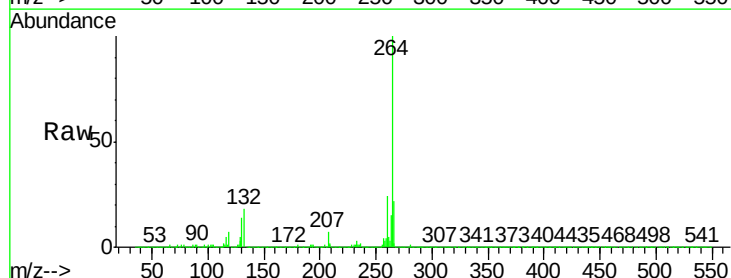
Tgt Ion:264 Resp: 704752

Ion Ratio Lower Upper

264 100

260 24.2 19.6 29.4

265 21.6 16.7 25.1



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

