

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072420\
 Data File : BP002859.D
 Acq On : 24 Jul 2020 18:15
 Operator : CG/JU
 Sample : L3382-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CTR-023

Quant Time: Jul 24 18:55:43 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	48352	20.00	ng	0.00
21) Naphthalene-d8	10.31	136	197966	20.00	ng	0.00
39) Acenaphthene-d10	14.19	164	125775	20.00	ng	0.00
64) Phenanthrene-d10	16.95	188	315017	20.00	ng	0.00
76) Chrysene-d12	21.06	240	432955	20.00	ng	0.00
86) Perylene-d12	23.24	264	511438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	407058	142.04	ng	0.00
7) Phenol-d6	6.74	99	470996	115.16	ng	0.00
23) Nitrobenzene-d5	8.68	82	362608	97.96	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	218343	166.31	ng	0.00
45) 2-Fluorobiphenyl	12.80	172	657555	80.88	ng	0.00
79) Terphenyl-d14	19.53	244	1519433	80.46	ng	0.00

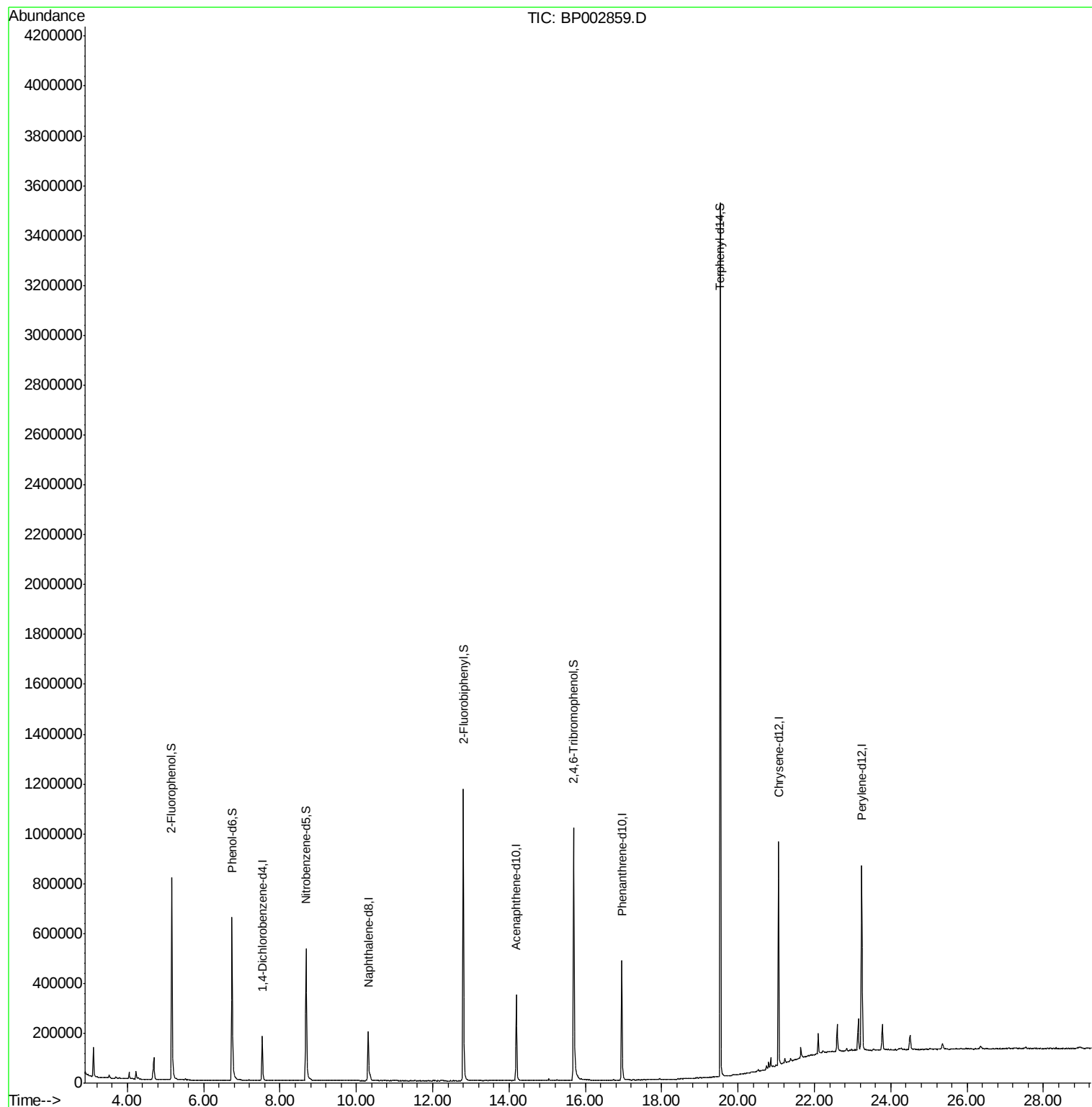
Target Compounds Qvalue

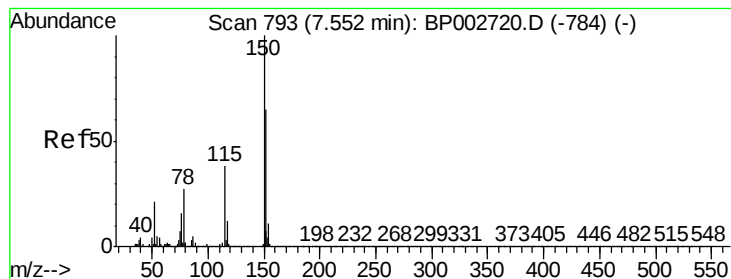
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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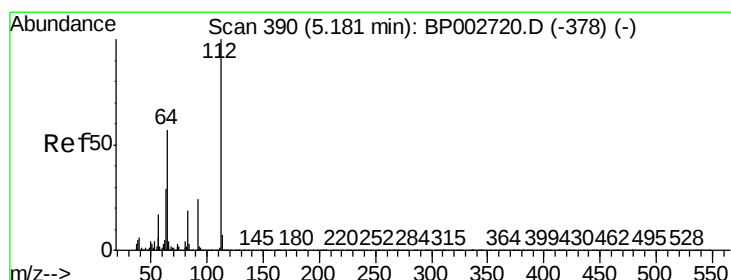
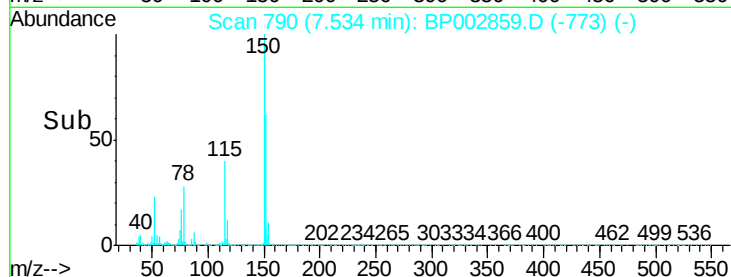
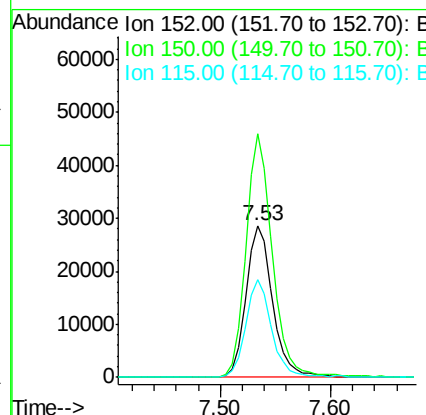
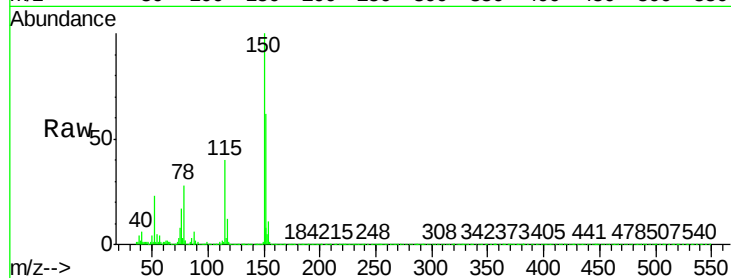


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.53 min Scan# 790
Delta R.T. -0.00 min
Lab File: BP002859.D
Acq: 24 Jul 2020 18:15

Instrument :
BNA_P
ClientSampleId :
CTR-023

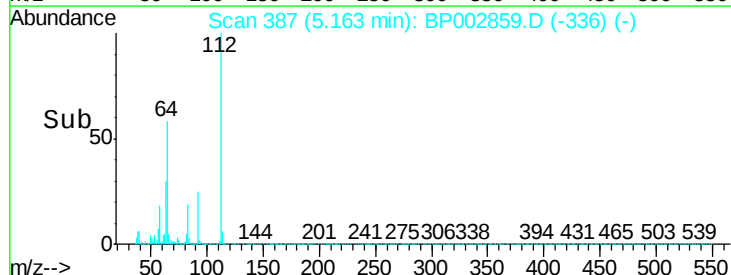
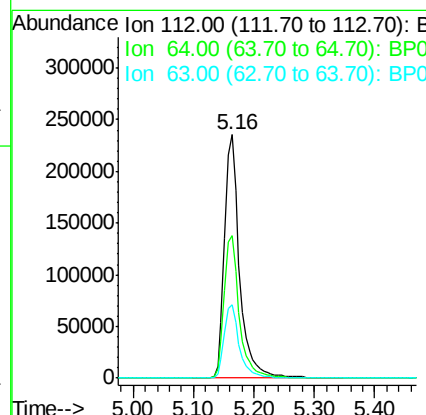
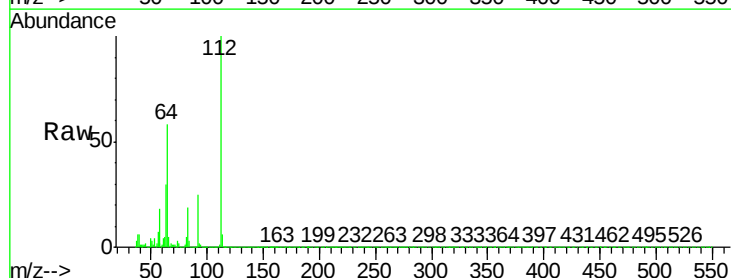
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.6	122.5	183.7
115	64.6	48.5	72.7

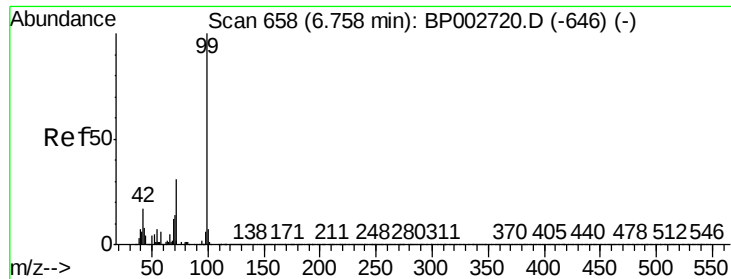


#5

2-Fluorophenol
Concen: 142.038 ng
RT: 5.16 min Scan# 387
Delta R.T. -0.00 min
Lab File: BP002859.D
Acq: 24 Jul 2020 18:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.4	48.1	72.1
63	30.2	24.9	37.3





#7

Phenol-d6

Concen: 115.157 ng

RT: 6.74 min Scan# 655

Delta R.T. -0.00 min

Lab File: BP002859.D

Acq: 24 Jul 2020 18:15

Instrument :

BNA_P

ClientSampleId :

CTR-023

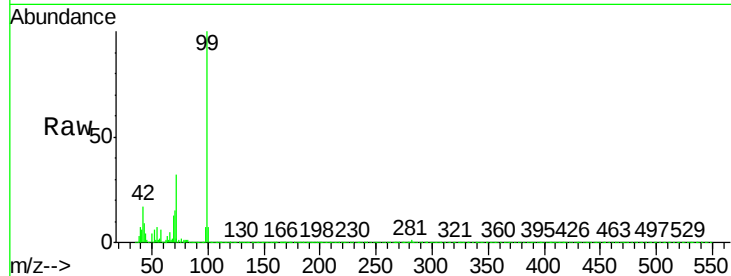
Tot Ion: 99 Resp: 470996

Ion Ratio Lower Upper

99 100

42 17.4 14.2 21.4

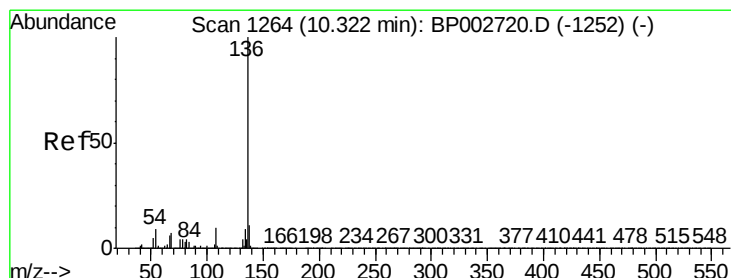
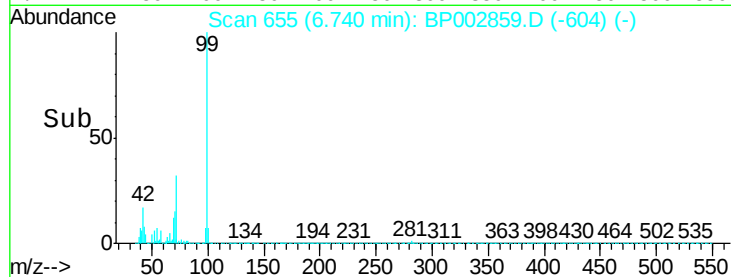
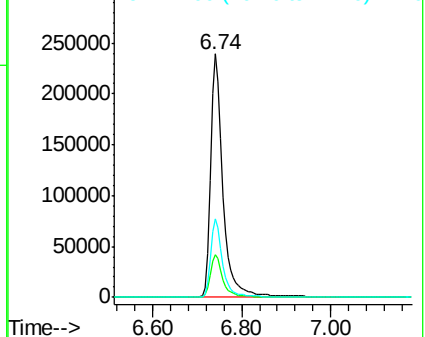
71 32.2 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.31 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BP002859.D

Acq: 24 Jul 2020 18:15

Tgt Ion: 136 Resp: 197966

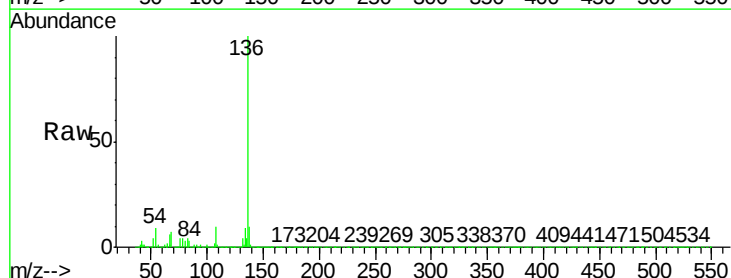
Ion Ratio Lower Upper

136 100

137 10.3 8.8 13.2

54 8.6 7.3 10.9

68 6.6 5.7 8.5

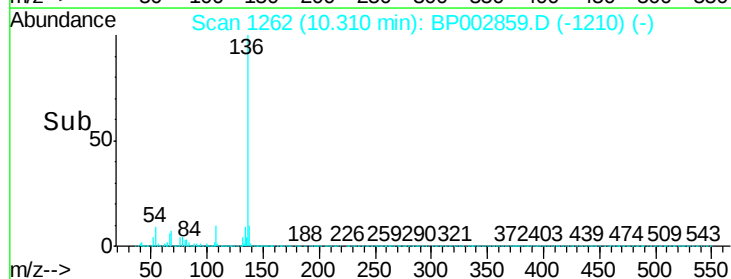
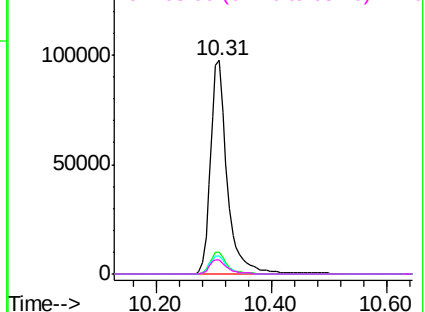


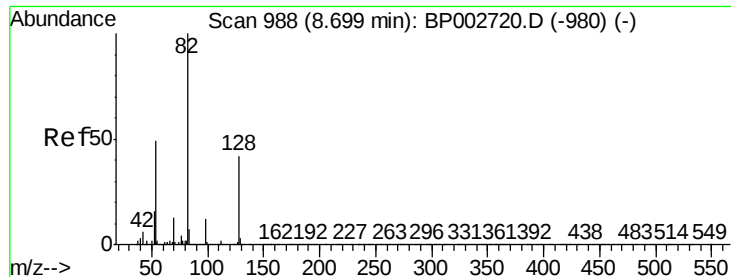
Abundance Ion 136.00 (135.70 to 136.70): E

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

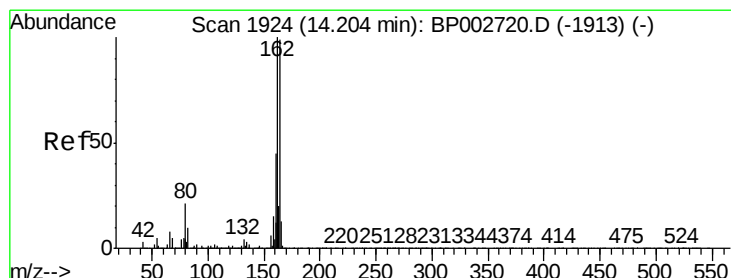
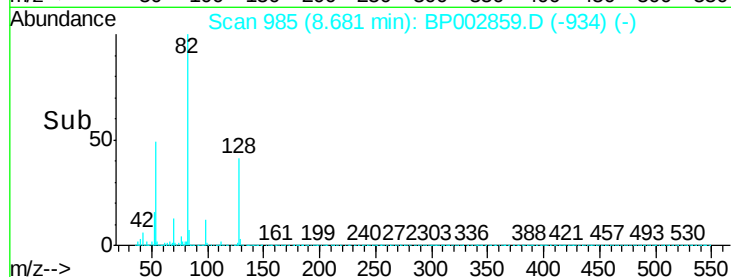
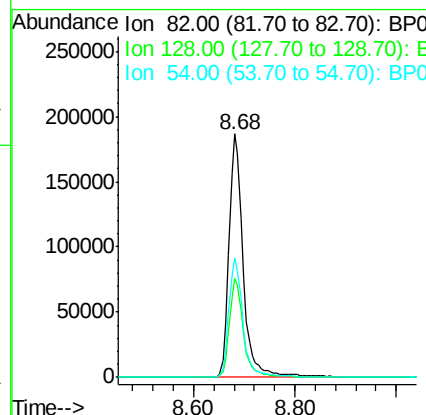
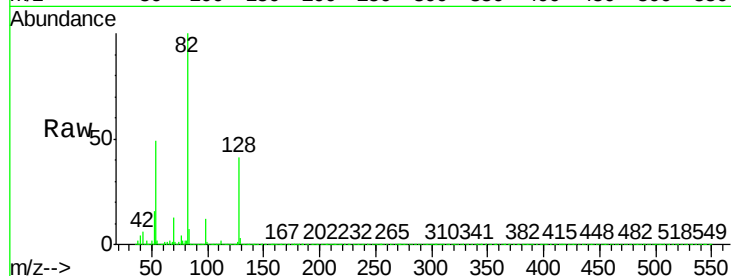




#23
 Nitrobenzene-d5
 Concen: 97.964 ng
 RT: 8.68 min Scan# 985
 Delta R.T. -0.00 min
 Lab File: BP002859.D
 Acq: 24 Jul 2020 18:15

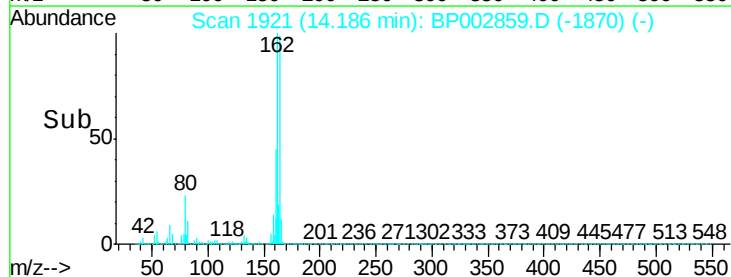
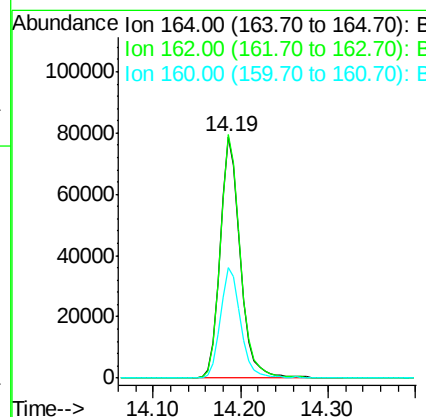
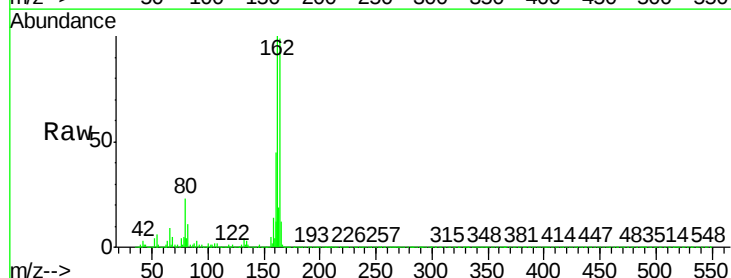
Instrument :
 BNA_P
 ClientSampleID :
 CTR-023

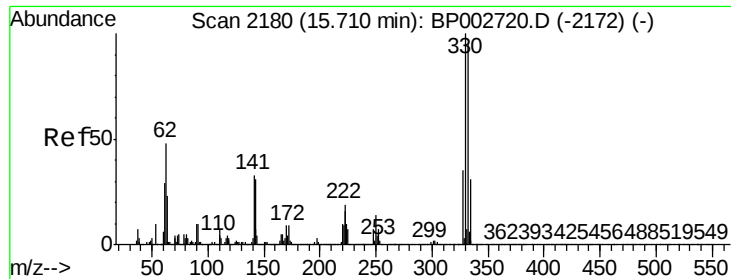
Tot Ion	82	Resp	362608
Ion Ratio	Lower	Upper	
82	100		
128	40.6	32.6	49.0
54	48.9	38.9	58.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.19 min Scan# 1921
 Delta R.T. -0.00 min
 Lab File: BP002859.D
 Acq: 24 Jul 2020 18:15

Tgt Ion	164	Resp	125775
Ion Ratio	Lower	Upper	
164	100		
162	100.8	78.4	117.6
160	45.5	36.1	54.1

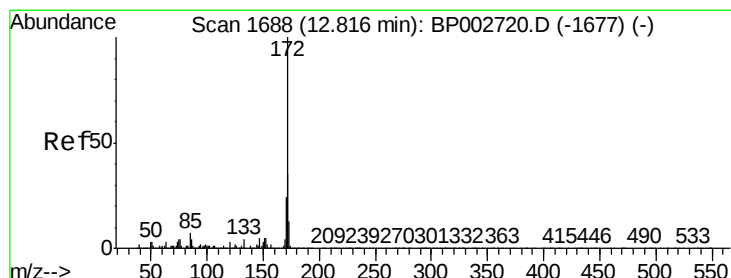
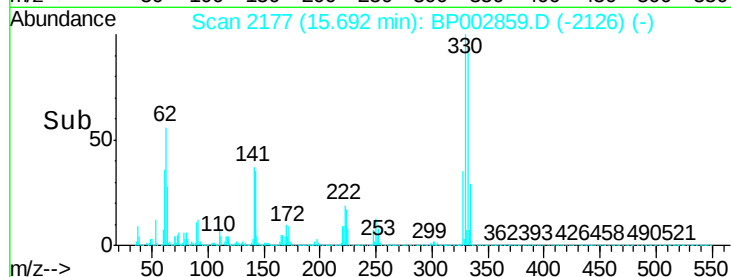
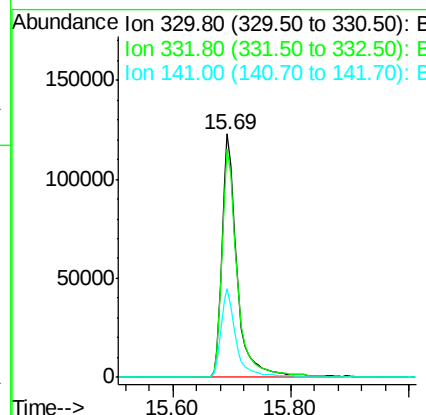
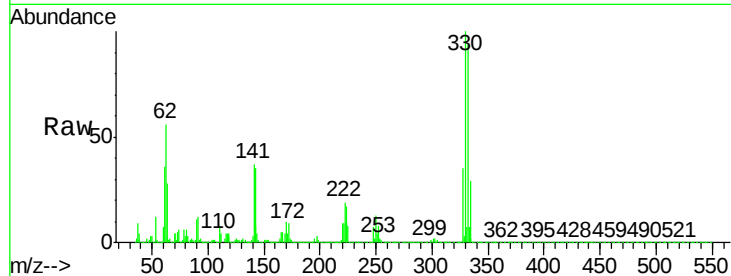




#42
 2,4,6-Tribromophenol
 Concen: 166.307 ng
 RT: 15.69 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: BP002859.D
 Acq: 24 Jul 2020 18:15

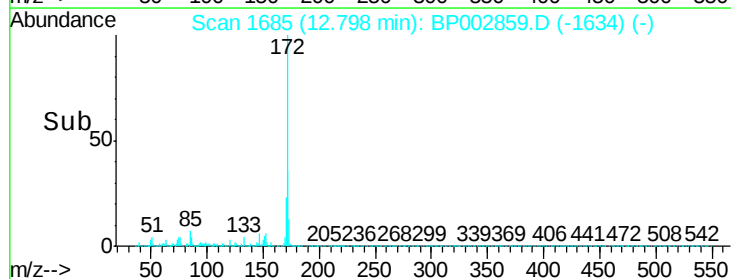
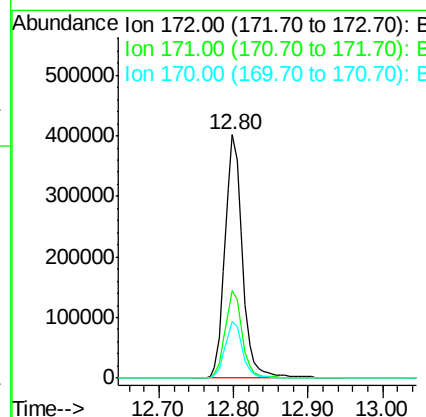
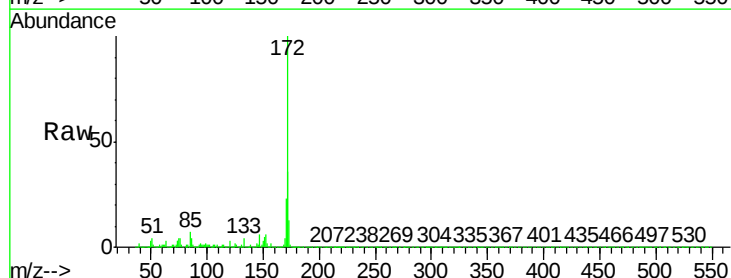
Instrument :
 BNA_P
 ClientSampleId :
 CTR-023

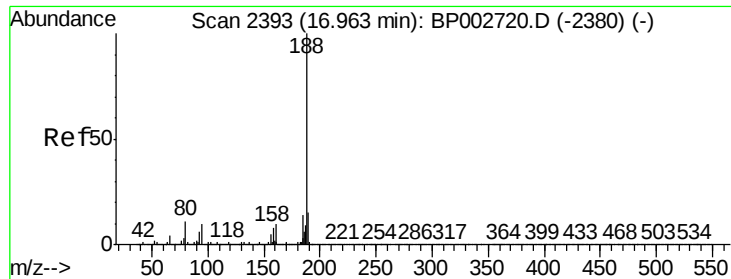
Tot Ion:330 Resp: 218343
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.6 116.4
 141 36.6 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 80.876 ng
 RT: 12.80 min Scan# 1685
 Delta R.T. -0.00 min
 Lab File: BP002859.D
 Acq: 24 Jul 2020 18:15

Tgt Ion:172 Resp: 657555
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.0 40.4
 170 23.1 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.95 min Scan# 2391

Delta R.T. 0.01 min

Lab File: BP002859.D

Acq: 24 Jul 2020 18:15

Instrument :

BNA_P

ClientSampled :

CTR-023

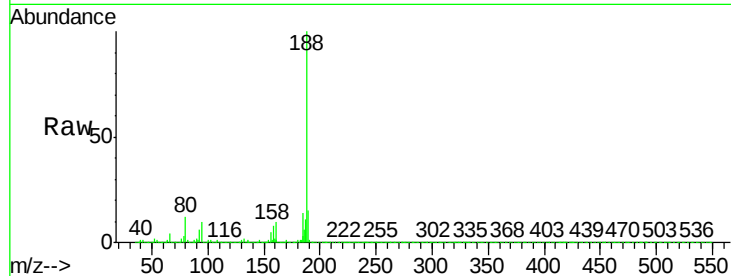
Tot Ion:188 Resp: 315017

Ion Ratio Lower Upper

188 100

94 10.2 8.5 12.7

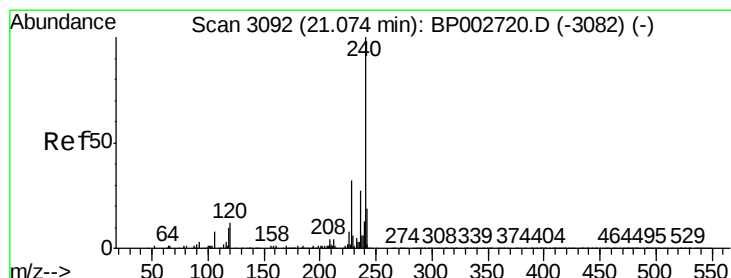
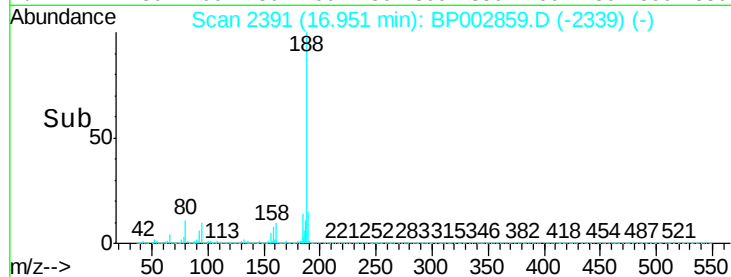
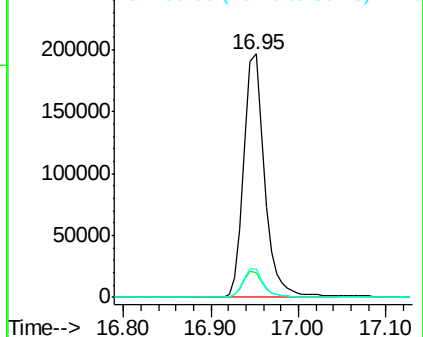
80 11.5 9.0 13.4



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: BP002859.D

Acq: 24 Jul 2020 18:15

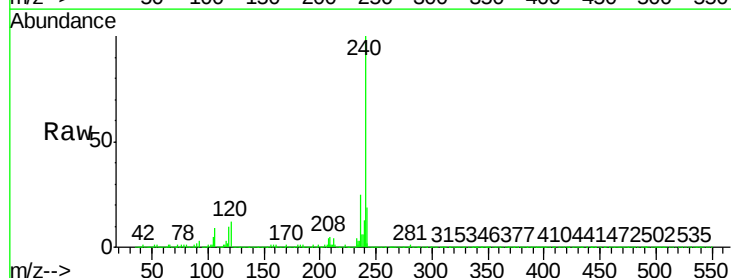
Tgt Ion:240 Resp: 432955

Ion Ratio Lower Upper

240 100

120 11.5 9.2 13.8

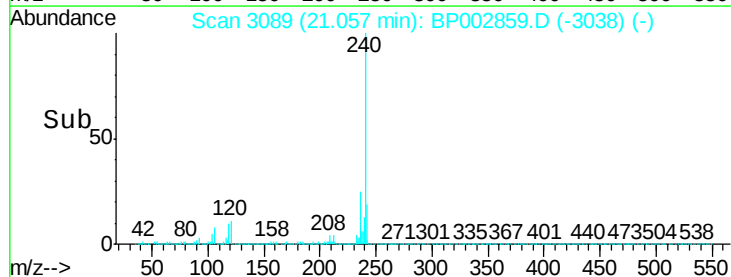
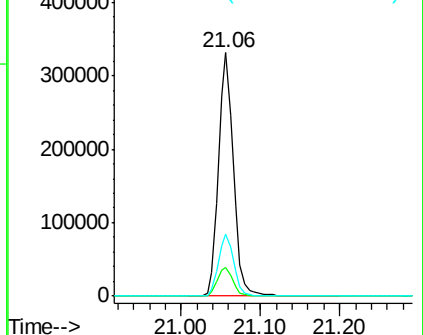
236 25.4 20.3 30.5

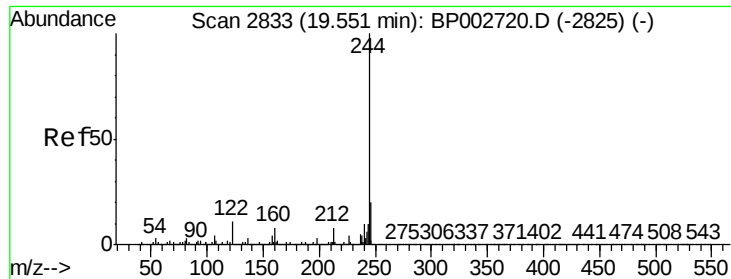


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 80.462 ng

RT: 19.53 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BP002859.D

Acq: 24 Jul 2020 18:15

Instrument :

BNA_P

ClientSampleId :

CTR-023

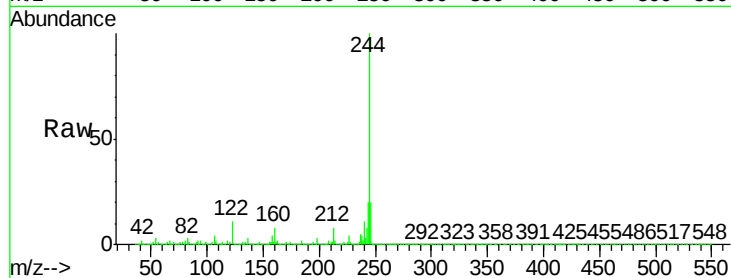
Tot Ion:244 Resp: 1519433

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

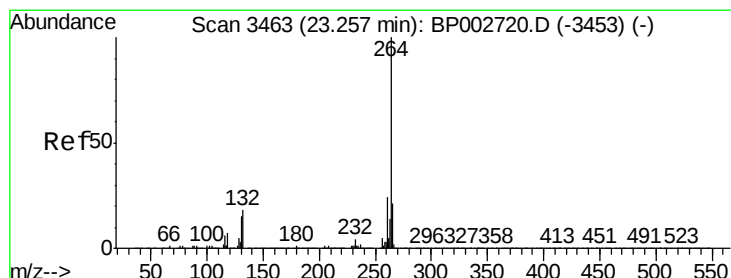
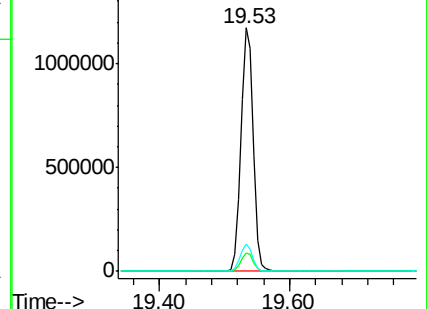
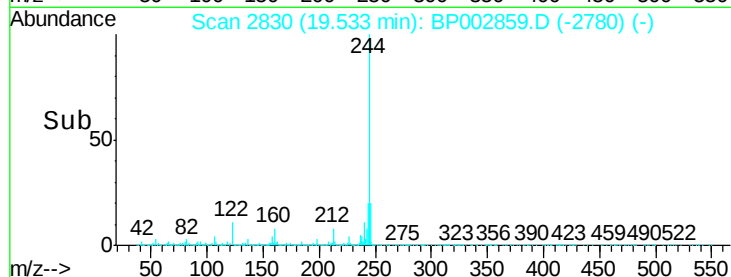
122 11.1 7.9 11.9



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: 23.24 min Scan# 3460

Delta R.T. 0.01 min

Lab File: BP002859.D

Acq: 24 Jul 2020 18:15

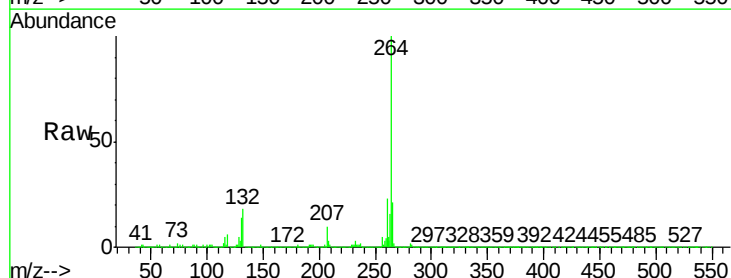
Tgt Ion:264 Resp: 511438

Ion Ratio Lower Upper

264 100

260 23.5 19.6 29.4

265 20.8 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

