

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP071720\
 Data File : BP002793.D
 Acq On : 17 Jul 2020 15:44
 Operator : CG/JU
 Sample : L3323-02 50X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 221

Quant Time: Jul 17 16:17:08 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	190851	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	807994	20.00	ng	0.00
39) Acenaphthene-d10	14.21	164	478897	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	938470	20.00	ng	0.00
76) Chrysene-d12	21.08	240	708252	20.00	ng	0.00
86) Perylene-d12	23.28	264	614576	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	15776	1.39	ng	0.01
7) Phenol-d6	6.78	99	21710	1.34	ng	0.02
23) Nitrobenzene-d5	8.72	82	13364	0.88	ng	0.01
42) 2,4,6-Tribromophenol	15.72	330	7215	1.44	ng	0.01
45) 2-Fluorobiphenyl	12.83	172	32821	1.06	ng	0.00
79) Terphenyl-d14	19.56	244	40393	1.31	ng	0.00

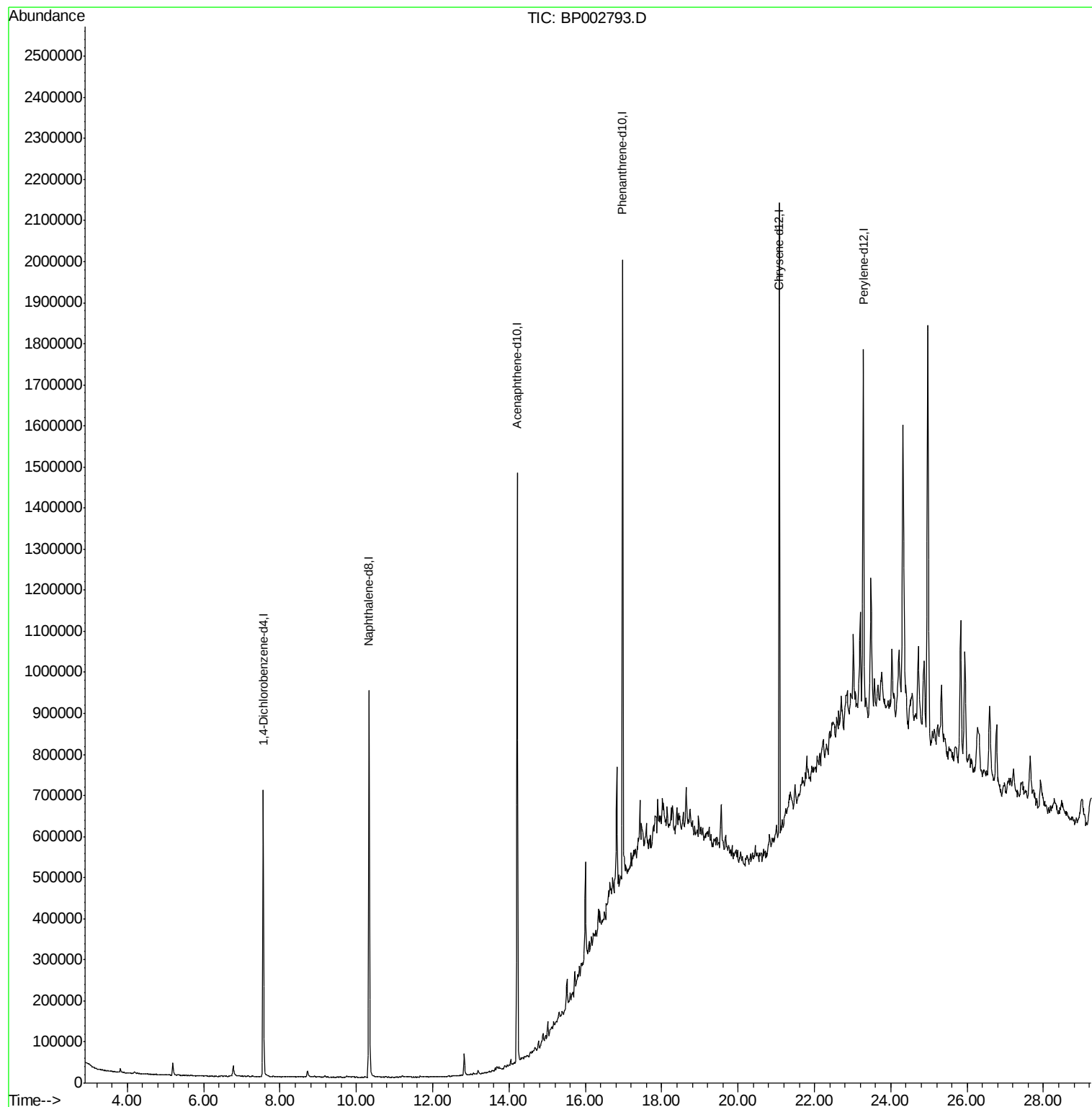
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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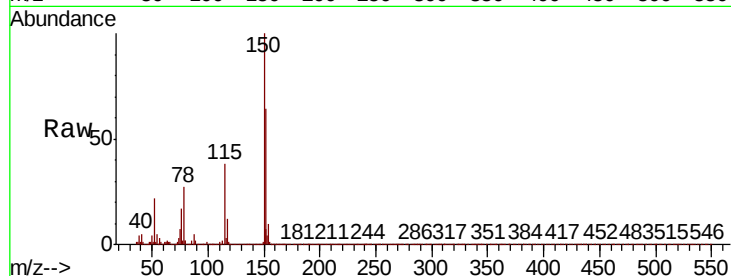


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.56 min Scan# 794
Delta R.T. 0.01 min
Lab File: BP002793.D
Acq: 17 Jul 2020 15:44

Instrument :
BNA_P
ClientSampleId :
221

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	123.7	185.5
115	59.0	47.2	70.8

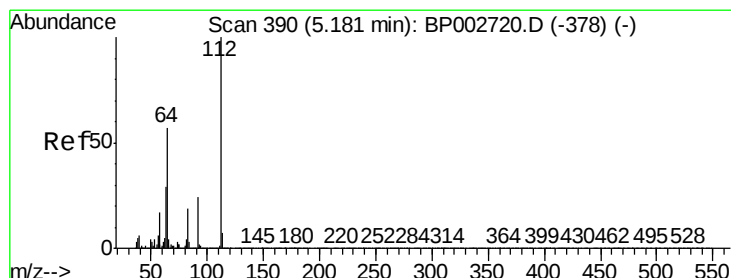
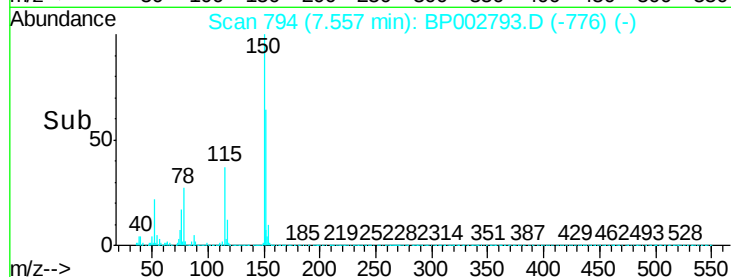
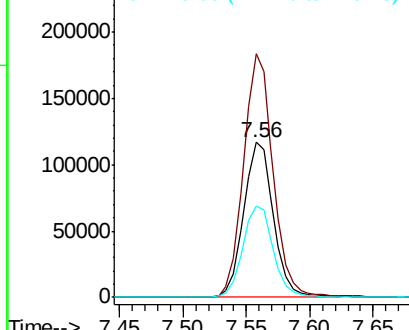


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

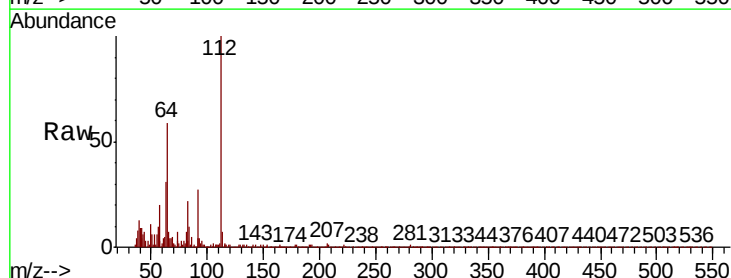
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 1.395 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.01 min
Lab File: BP002793.D
Acq: 17 Jul 2020 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	45.6	68.4
63	31.3	23.5	35.3

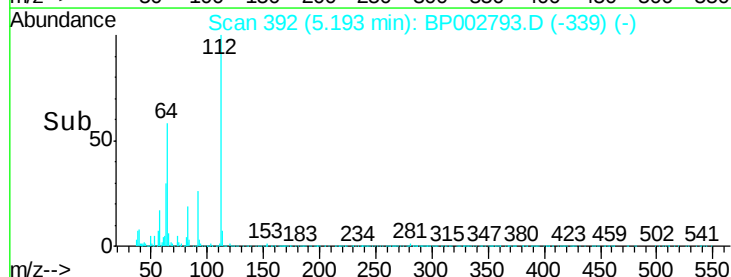
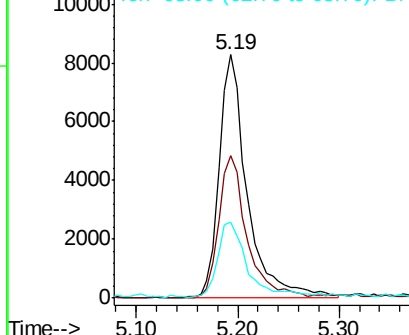


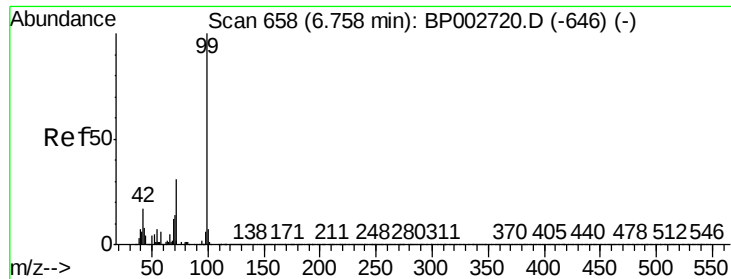
Abundance

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





#7

Phenol-d6

Concen: 1.345 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.02 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

221

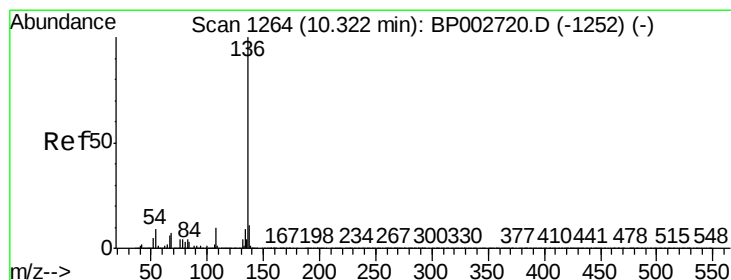
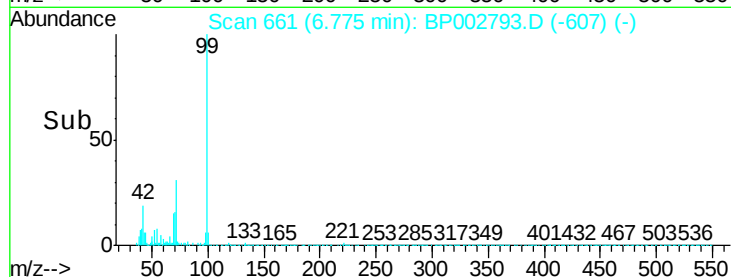
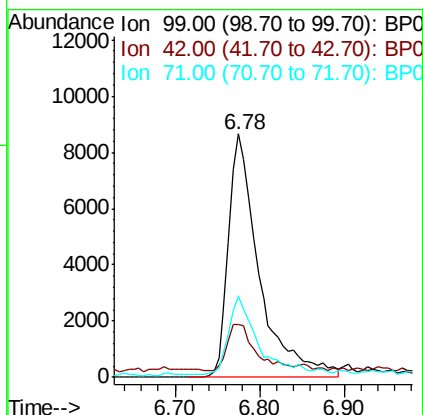
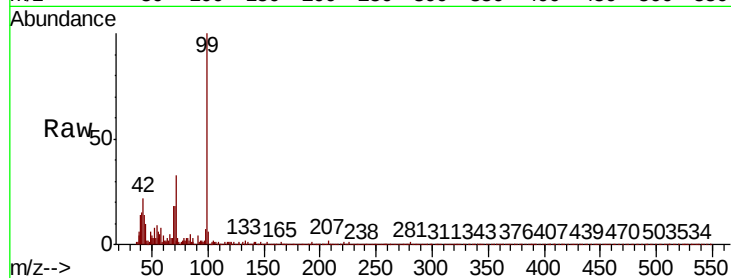
Tot Ion: 99 Resp: 21710

Ion Ratio Lower Upper

99 100

42 21.9 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: BP002793.D

Acq: 17 Jul 2020 15:44

Tgt Ion: 136 Resp: 807994

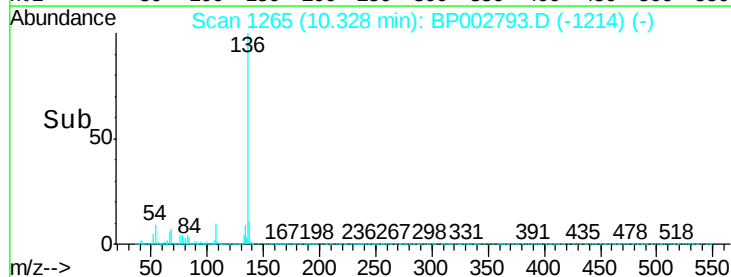
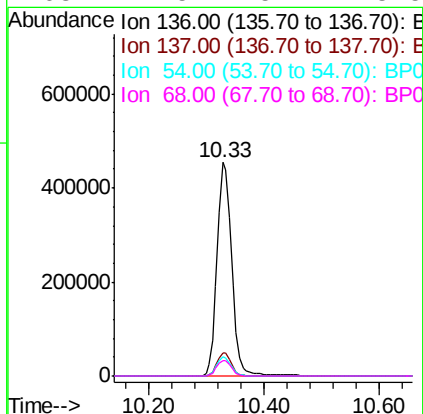
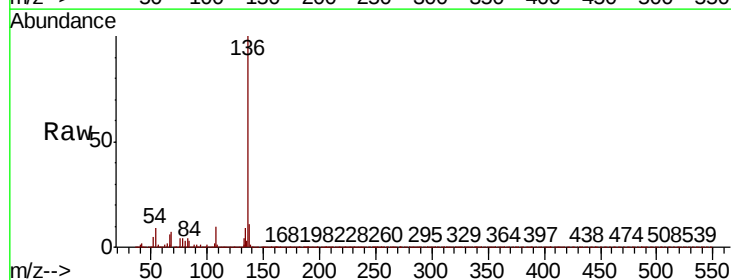
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 9.1 6.9 10.3

68 7.5 5.7 8.5

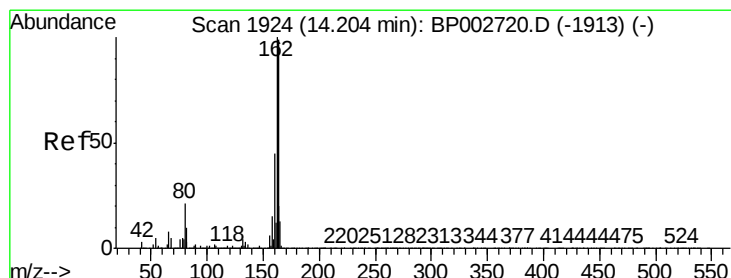
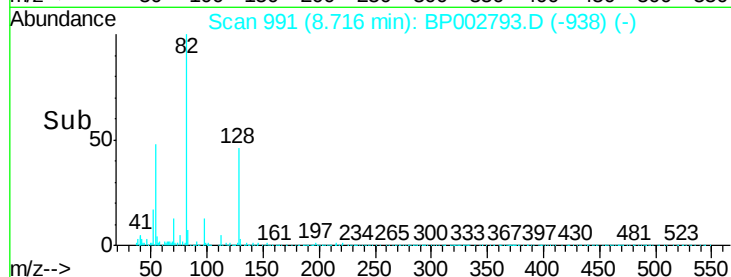
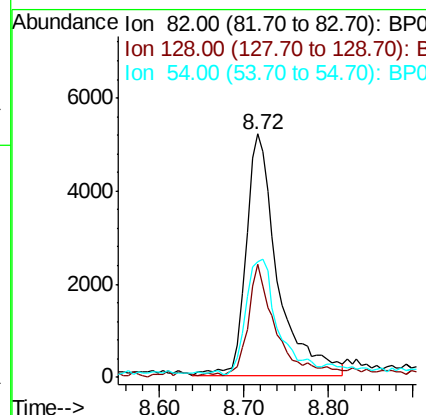
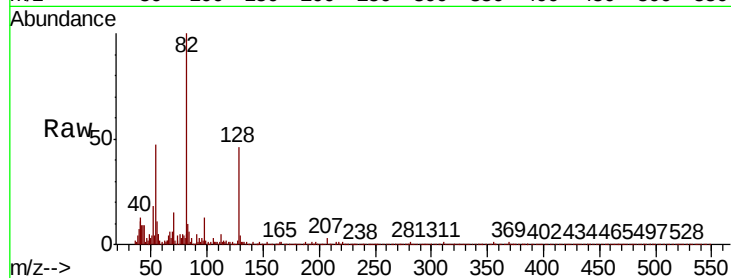




#23
 Nitrobenzene-d5
 Concen: 0.885 ng
 RT: 8.72 min Scan# 991
 Delta R.T. 0.01 min
 Lab File: BP002793.D
 Acq: 17 Jul 2020 15:44

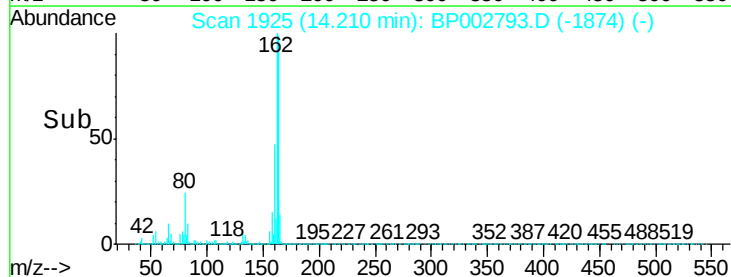
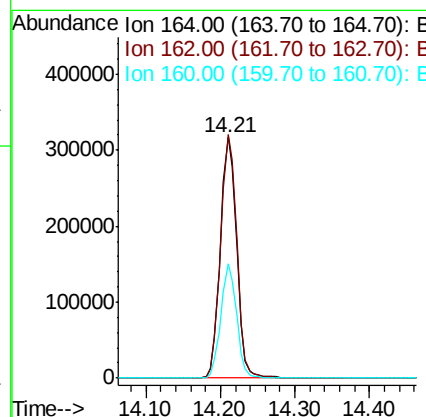
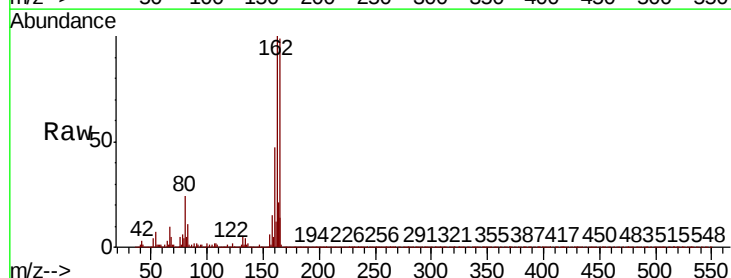
Instrument :
 BNA_P
 ClientSampleId :
 221

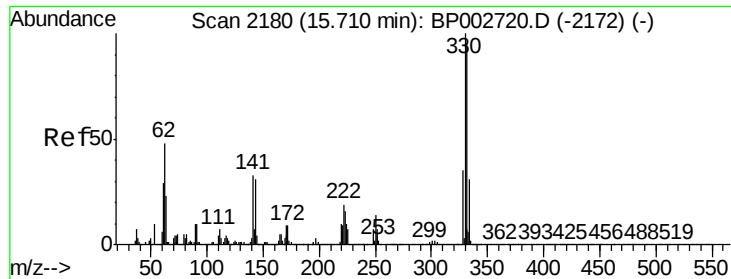
Tot Ion	82	Resp	13364
Ion Ratio	Lower	Upper	
82	100		
128	46.3	33.8	50.8
54	47.3	38.8	58.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.21 min Scan# 1925
 Delta R.T. 0.00 min
 Lab File: BP002793.D
 Acq: 17 Jul 2020 15:44

Tgt Ion	164	Resp	478897
Ion Ratio	Lower	Upper	
164	100		
162	101.1	80.6	121.0
160	47.2	36.4	54.6

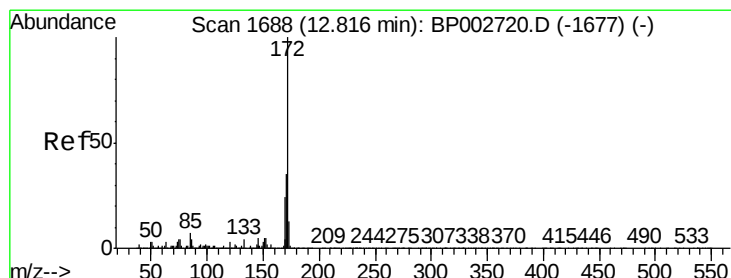
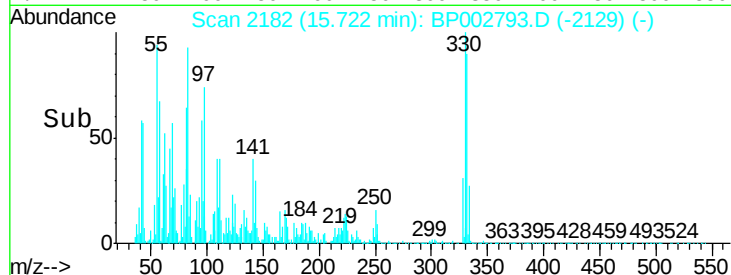
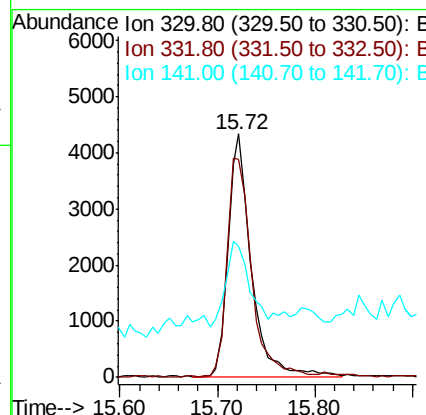
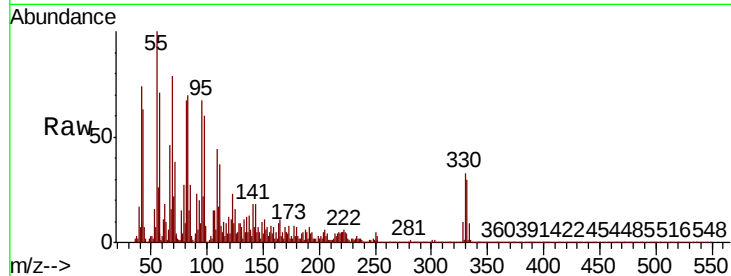




#42
 2,4,6-Tribromophenol
 Concen: 1.443 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. 0.01 min
 Lab File: BP002793.D
 Acq: 17 Jul 2020 15:44

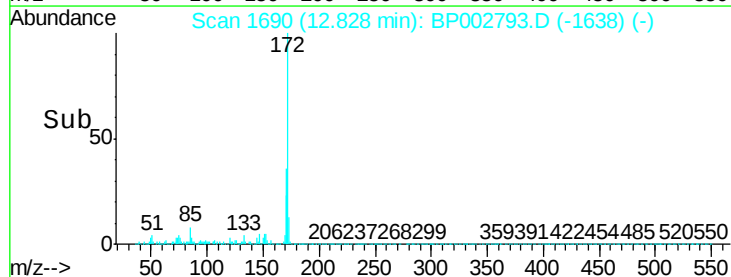
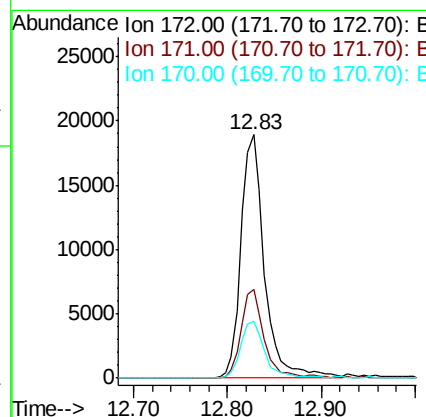
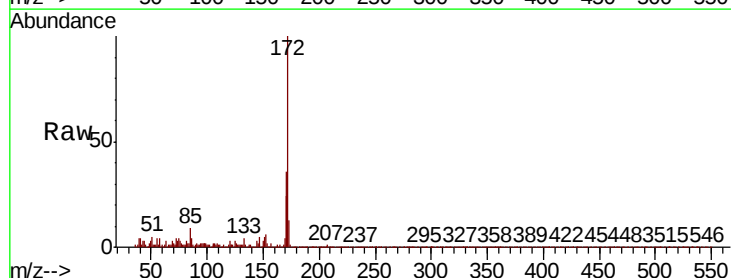
Instrument :
 BNA_P
 ClientSampleId :
 221

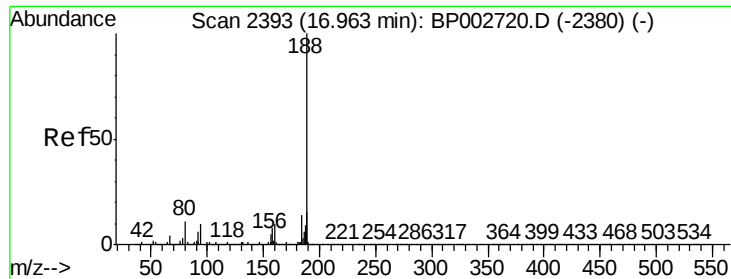
Tot Ion:330 Resp: 7215
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.5 114.7
 141 37.4 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 1.060 ng
 RT: 12.83 min Scan# 1690
 Delta R.T. 0.01 min
 Lab File: BP002793.D
 Acq: 17 Jul 2020 15:44

Tgt Ion:172 Resp: 32821
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.1 42.1
 170 23.5 19.3 28.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

221

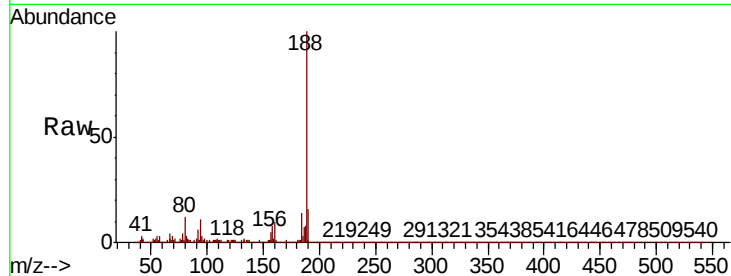
Tot Ion:188 Resp: 938470

Ion Ratio Lower Upper

188 100

94 11.1 8.1 12.1

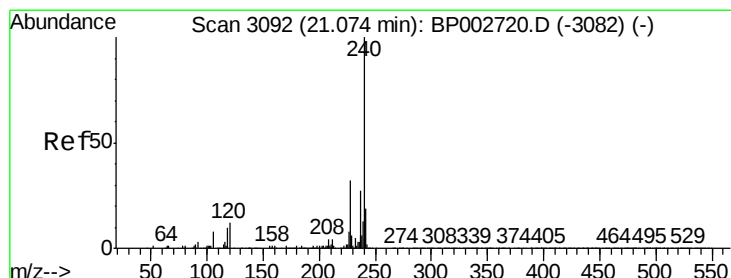
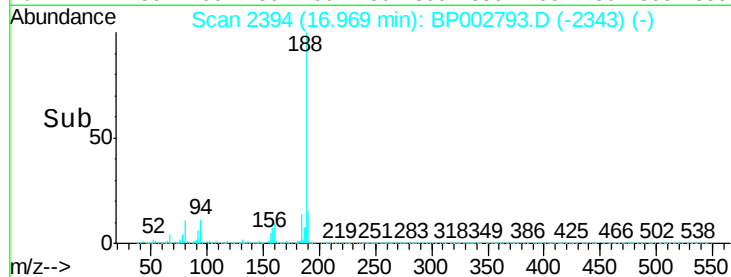
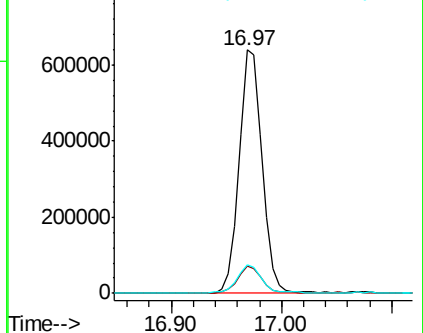
80 11.8 8.9 13.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3093

Delta R.T. 0.01 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

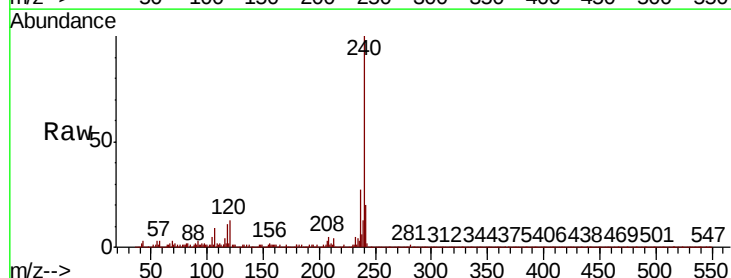
Tgt Ion:240 Resp: 708252

Ion Ratio Lower Upper

240 100

120 12.8 9.4 14.2

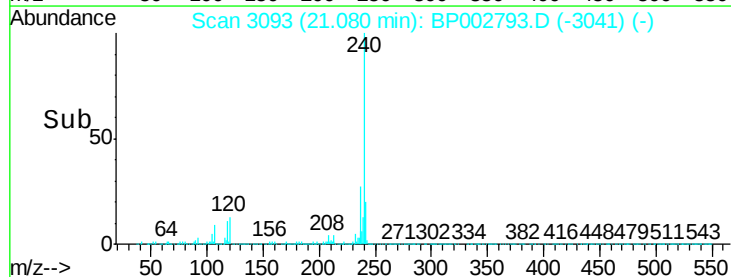
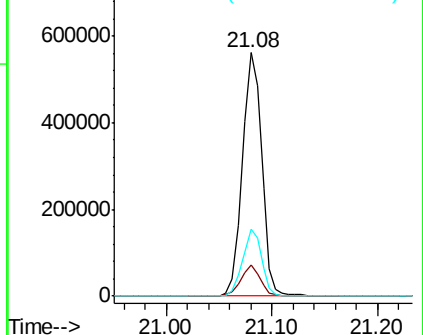
236 27.4 21.3 31.9

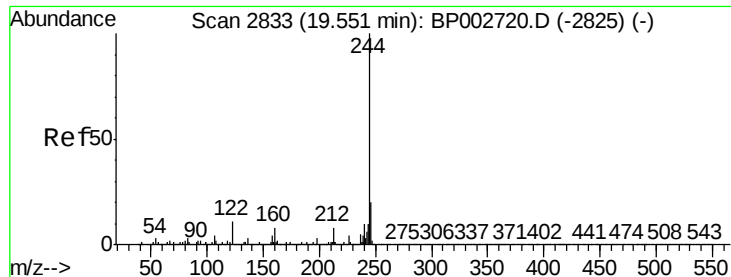


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 1.308 ng

RT: 19.56 min Scan# 2834

Delta R.T. 0.00 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

Instrument :

BNA_P

ClientSampleId :

221

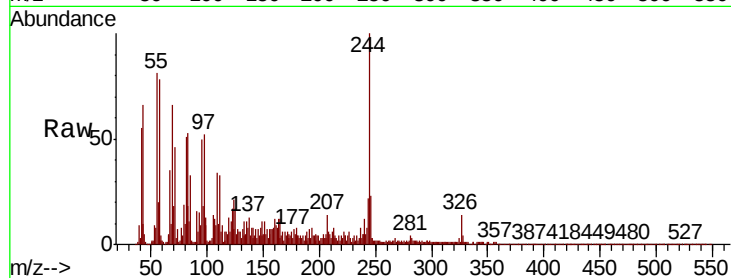
Tot Ion:244 Resp: 40393

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

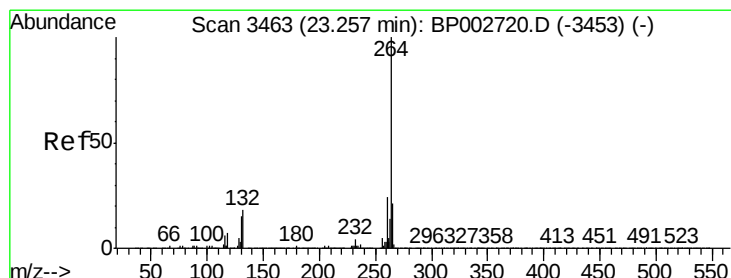
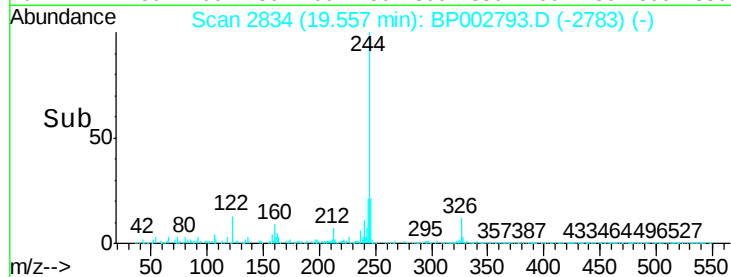
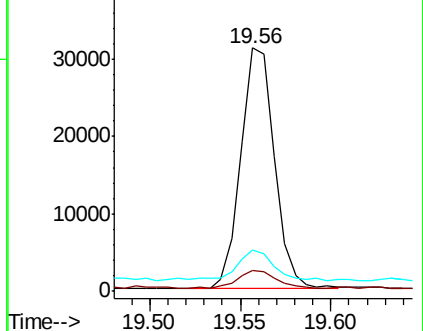
122 17.2 8.9 13.3#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3467

Delta R.T. 0.02 min

Lab File: BP002793.D

Acq: 17 Jul 2020 15:44

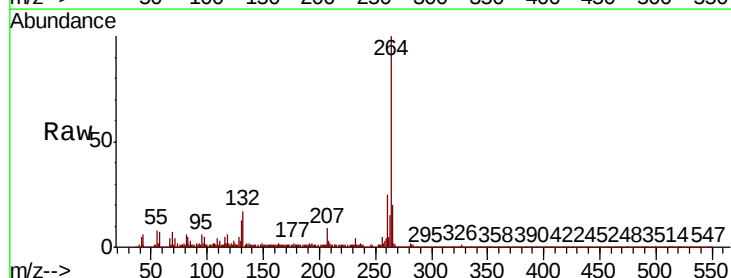
Tgt Ion:264 Resp: 614576

Ion Ratio Lower Upper

264 100

260 25.4 19.3 28.9

265 20.4 16.8 25.2



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

