

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002555.D
 Acq On : 26 Jun 2020 17:22
 Operator : CG/JU
 Sample : L3126-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-4-S

Quant Time: Jun 26 18:19:16 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 24 13:54:06 2020
 Response via : Initial Calibration

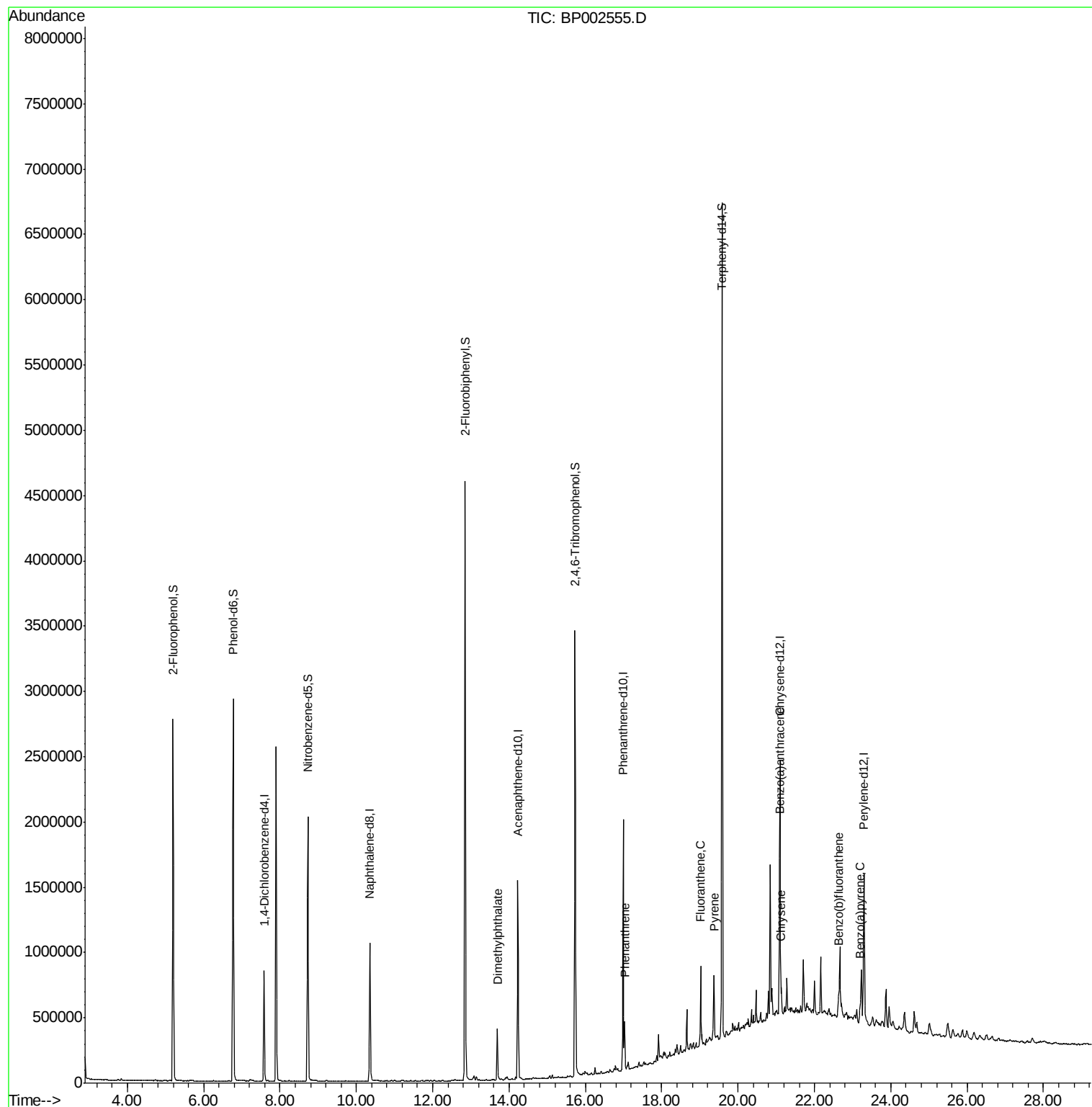
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	218092	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	875793	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	535878	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	1146300	20.00	ng	0.00
76) Chrysene-d12	21.10	240	891904	20.00	ng	0.00
86) Perylene-d12	23.30	264	774536	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1218965	103.42	ng	0.00
7) Phenol-d6	6.78	99	1688101	107.58	ng	0.00
23) Nitrobenzene-d5	8.73	82	1191806	81.27	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	651434	126.97	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2480037	77.82	ng	0.00
79) Terphenyl-d14	19.58	244	3185783	95.11	ng	0.00
Target Compounds						
50) Dimethylphthalate	13.69	163	267358	7.281	ng	99
71) Phenanthrene	17.03	178	214030	3.991	ng	99
75) Fluoranthene	19.02	202	344304	5.379	ng	98
78) Pyrene	19.37	202	300376	5.498	ng	100
81) Benzo(a)anthracene	21.08	228	128420	2.522	ng	98
83) Chrysene	21.13	228	121567	2.520	ng	98
88) Benzo(b)fluoranthene	22.64	252	135098	3.234	ng	# 89
90) Benzo(a)pyrene	23.20	252	91643	2.341	ng	# 95

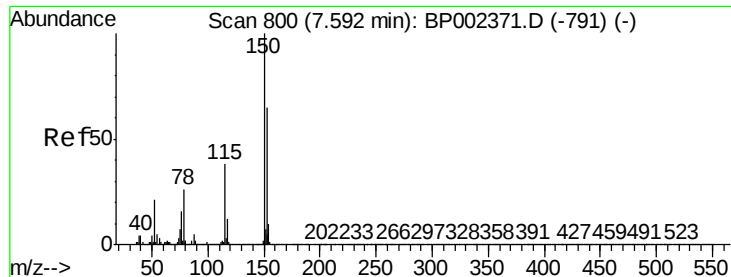
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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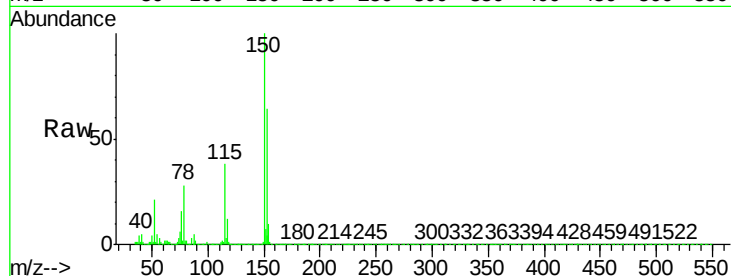


#1

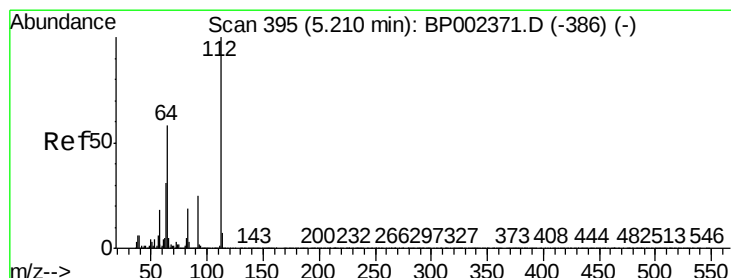
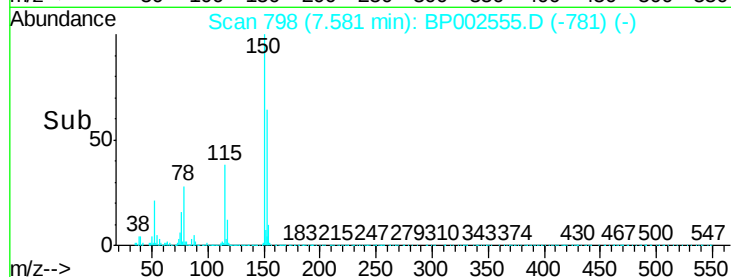
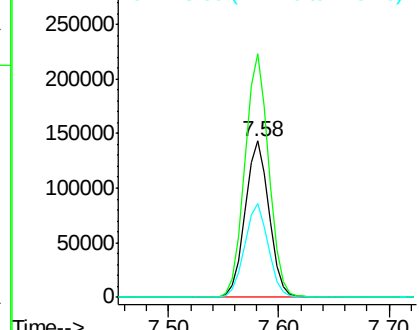
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. -0.00 min
Lab File: BP002555.D
Acq: 26 Jun 2020 17:22

Instrument :
BNA_P
ClientSampleId :
TP-4-S

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.4	186.6
115	60.0	47.8	71.6



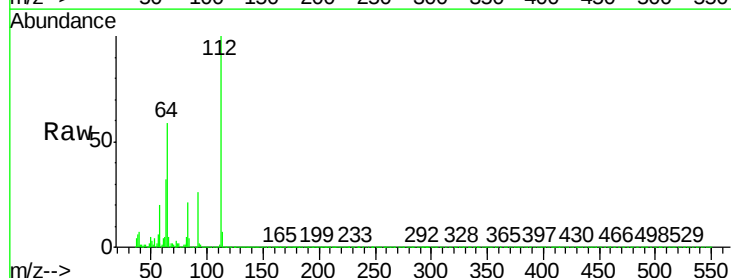
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



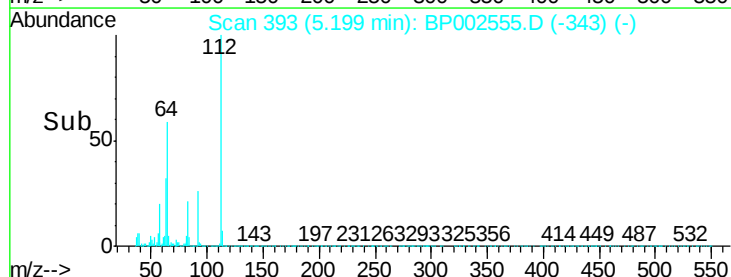
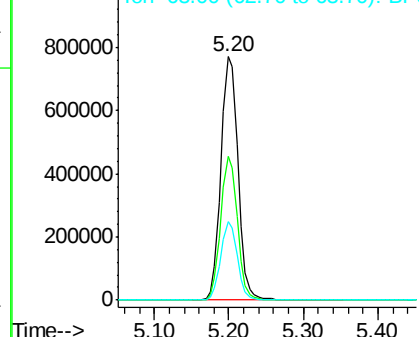
#5

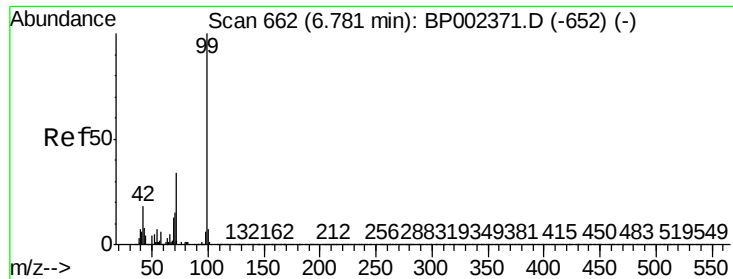
2-Fluorophenol
Concen: 103.424 ng
RT: 5.20 min Scan# 393
Delta R.T. -0.01 min
Lab File: BP002555.D
Acq: 26 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.4	69.6
63	32.1	25.0	37.6



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: 107.578 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.00 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

Instrument :

BNA_P

ClientSampleId :

TP-4-S

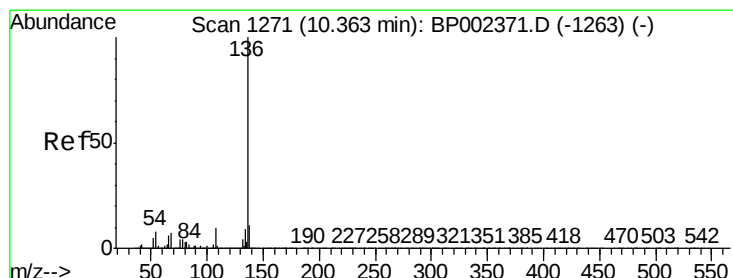
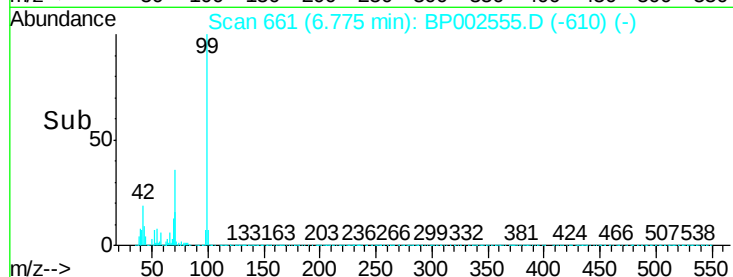
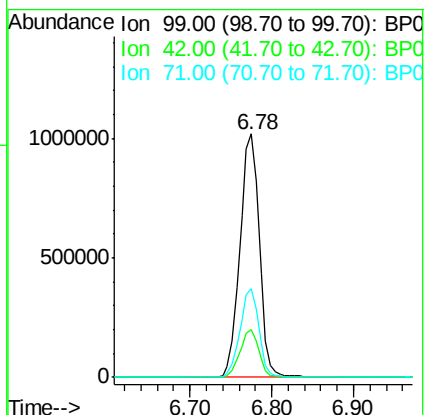
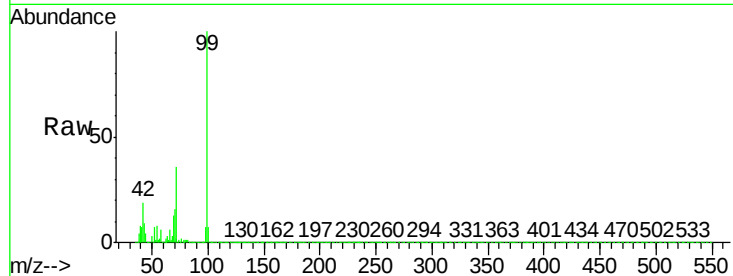
Tot Ion: 99 Resp: 1688101

Ion	Ratio	Lower	Upper
99	100		
42	19.4	15.3	22.9
71	36.5	28.2	42.2

99 100

42 19.4 15.3 22.9

71 36.5 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

Tgt Ion: 136 Resp: 875793

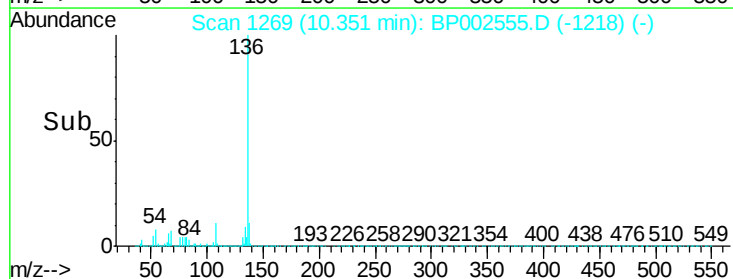
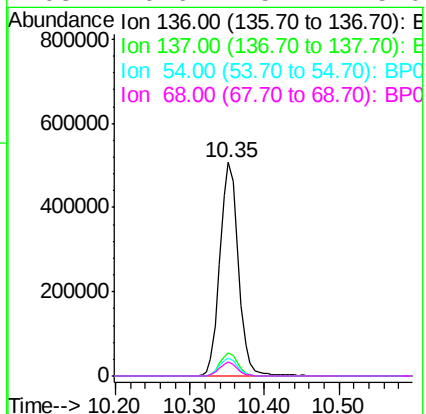
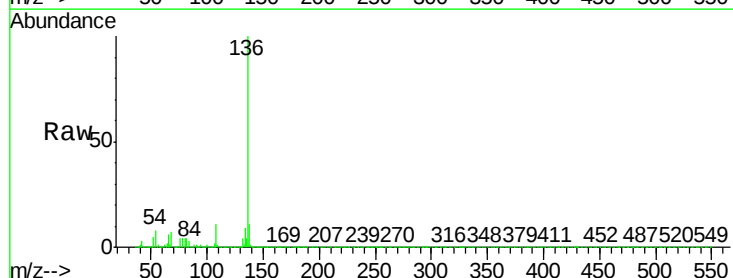
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.5	6.6	10.0
68	6.6	5.4	8.0

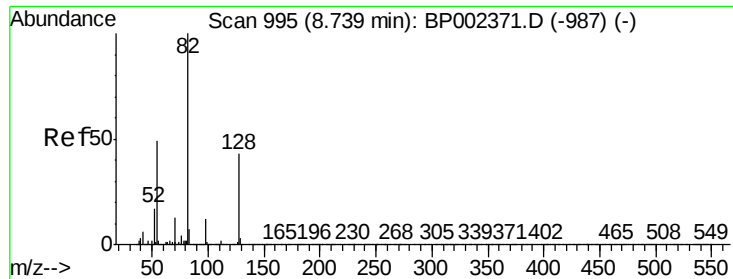
136 100

137 10.7 8.9 13.3

54 8.5 6.6 10.0

68 6.6 5.4 8.0

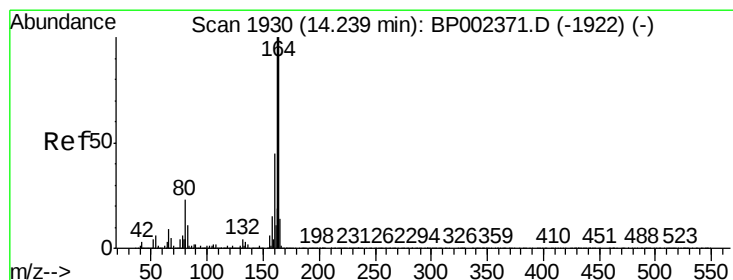
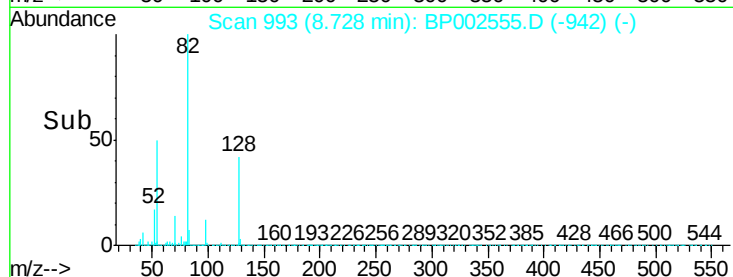
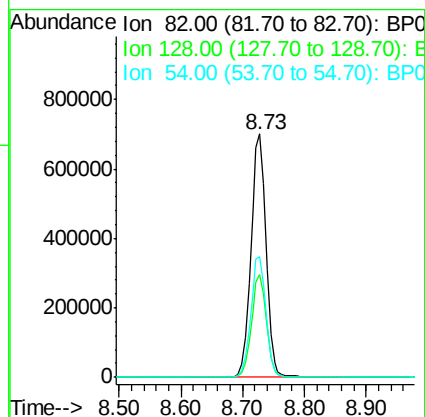
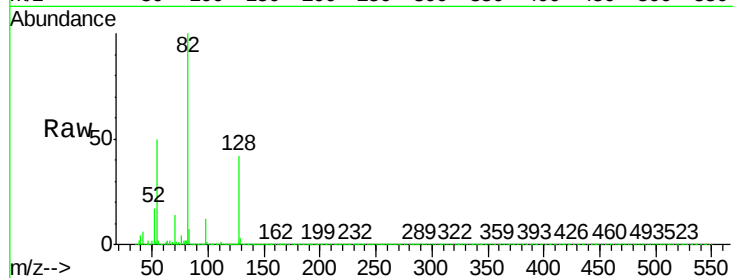




#23
 Nitrobenzene-d5
 Concen: 81.267 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: BP002555.D
 Acq: 26 Jun 2020 17:22

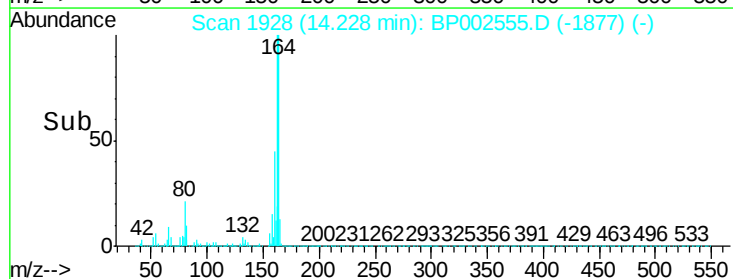
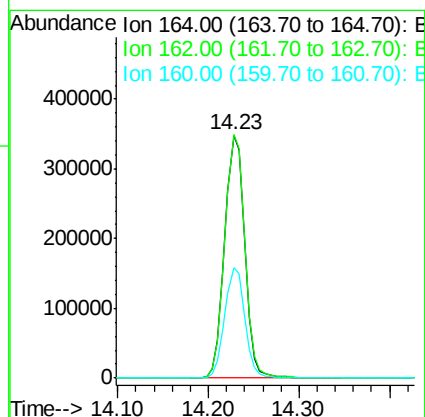
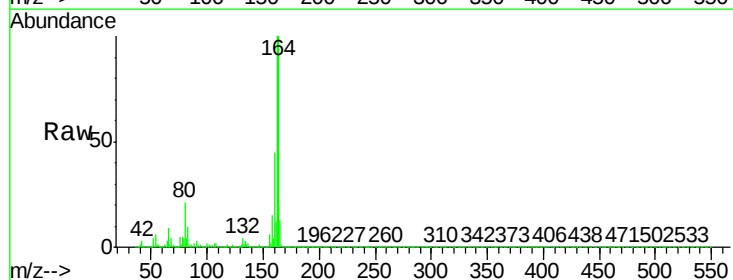
Instrument :
 BNA_P
 ClientSampleId :
 TP-4-S

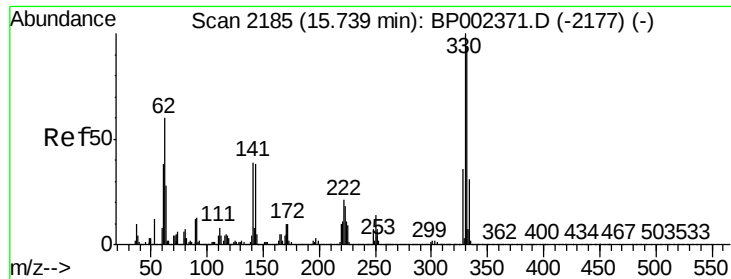
Tot Ion: 82 Resp: 1191806
 Ion Ratio Lower Upper
 82 100
 128 42.0 32.8 49.2
 54 49.7 39.9 59.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1928
 Delta R.T. -0.00 min
 Lab File: BP002555.D
 Acq: 26 Jun 2020 17:22

Tgt Ion: 164 Resp: 535878
 Ion Ratio Lower Upper
 164 100
 162 100.3 80.6 121.0
 160 45.5 35.4 53.2





#42

2,4,6-Tribromophenol

Concen: 126.969 ng

RT: 15.73 min Scan# 2184

Delta R.T. 0.01 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

Instrument :

BNA_P

ClientSampleId :

TP-4-S

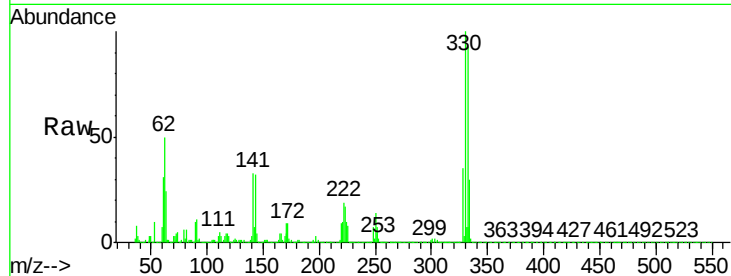
Tot Ion:330 Resp: 651434

Ion Ratio Lower Upper

330 100

332 96.2 77.2 115.8

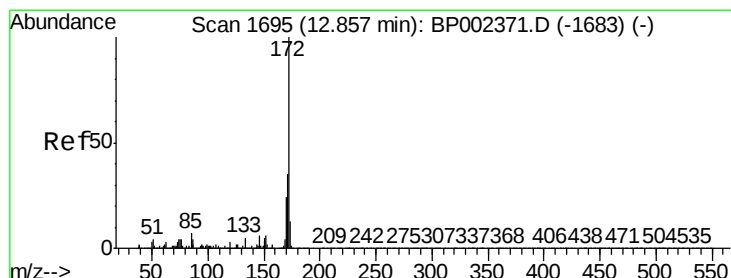
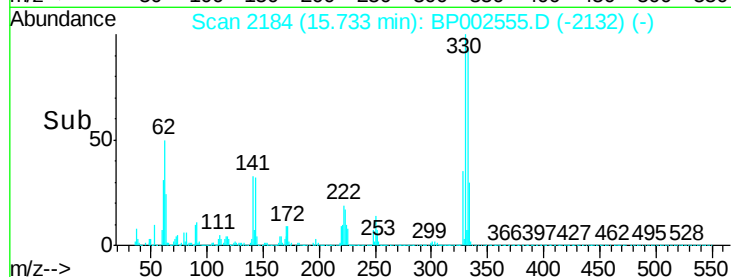
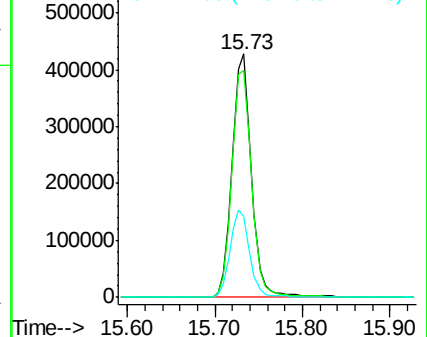
141 36.5 30.4 45.6



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: 77.816 ng

RT: 12.85 min Scan# 1693

Delta R.T. -0.00 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

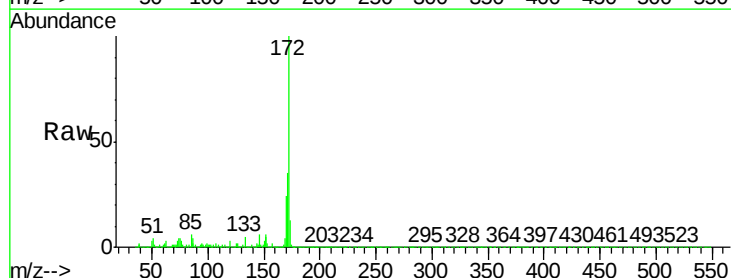
Tgt Ion:172 Resp: 2480037

Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

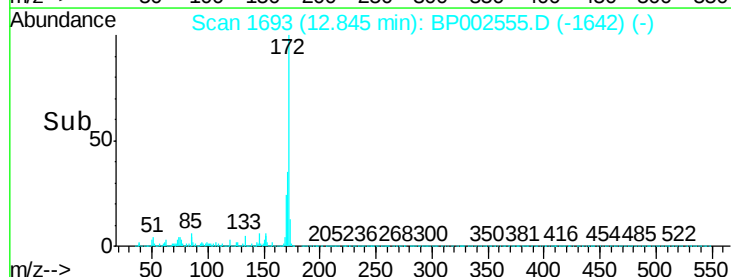
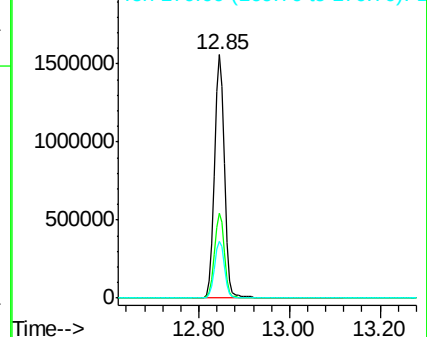
170 23.5 19.0 28.6

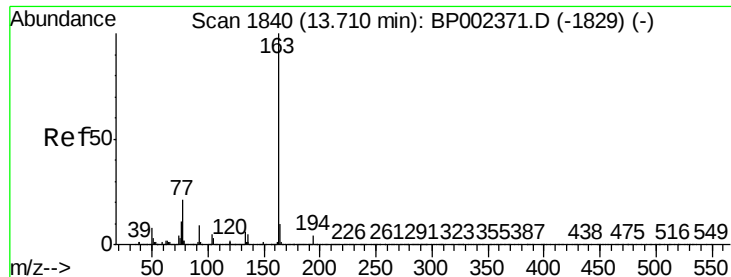


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.281 ng

RT: 13.69 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

Instrument :

BNA_P

ClientSampled :

TP-4-S

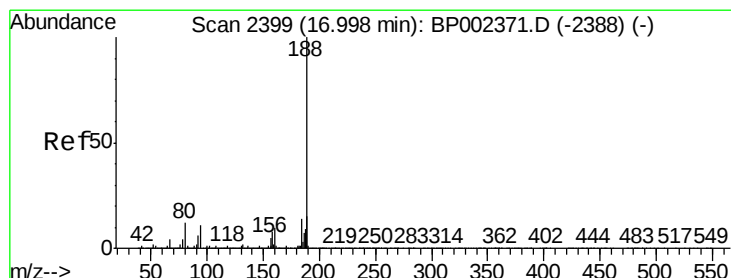
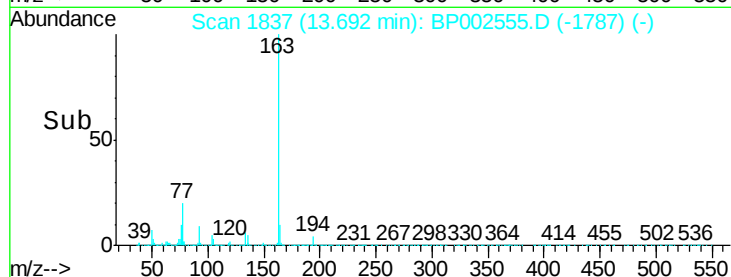
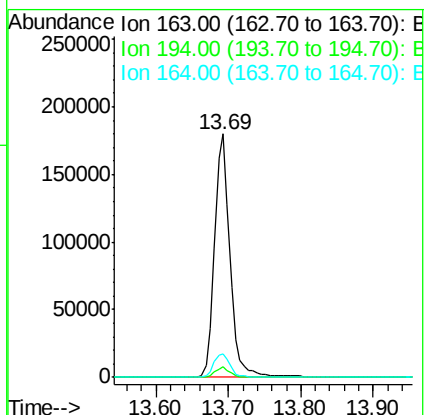
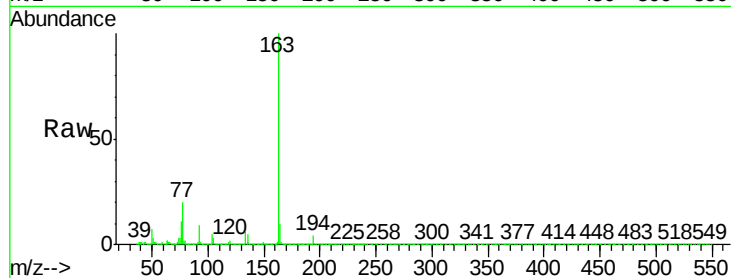
Tot Ion:163 Resp: 267358

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.8 8.2 12.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. -0.00 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

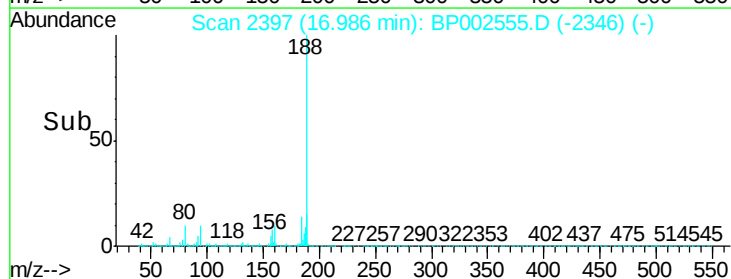
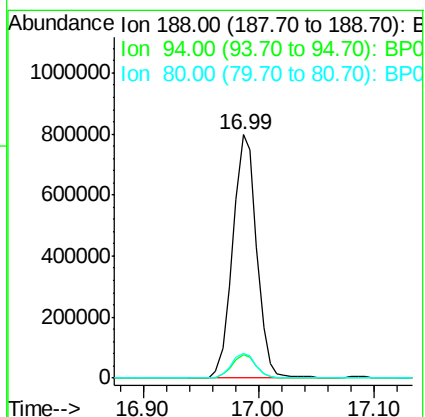
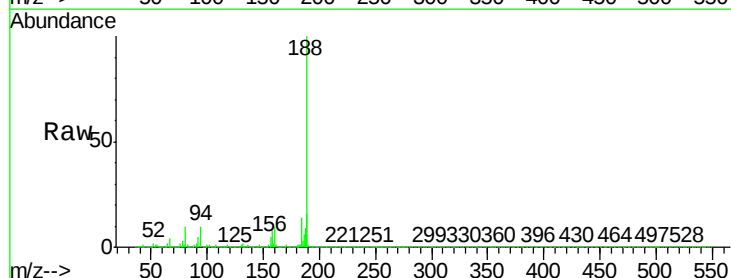
Tgt Ion:188 Resp: 1146300

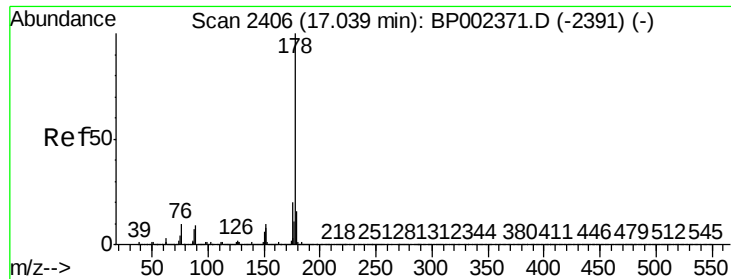
Ion Ratio Lower Upper

188 100

94 9.6 7.6 11.4

80 10.2 8.3 12.5





#71

Phenanthrene

Concen: 3.991 ng

RT: 17.03 min Scan# 2404

Delta R.T. -0.00 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

Instrument :

BNA_P

ClientSampleId :

TP-4-S

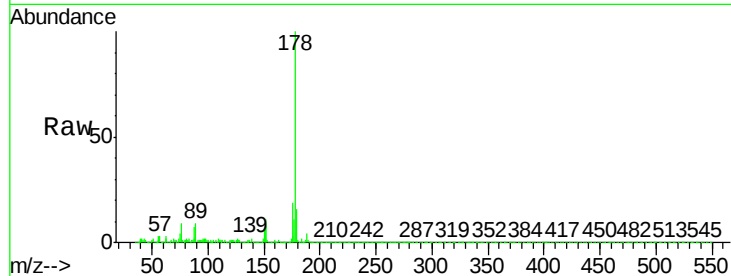
Tot Ion:178 Resp: 214030

Ion Ratio Lower Upper

178 100

176 19.2 15.6 23.4

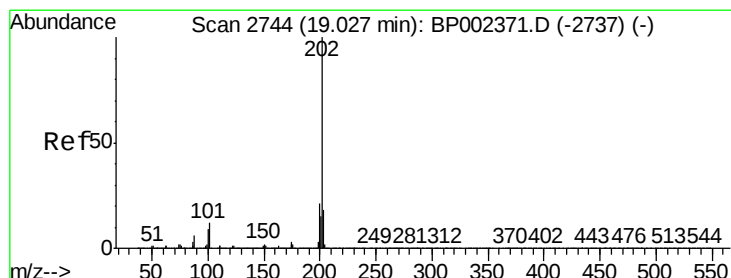
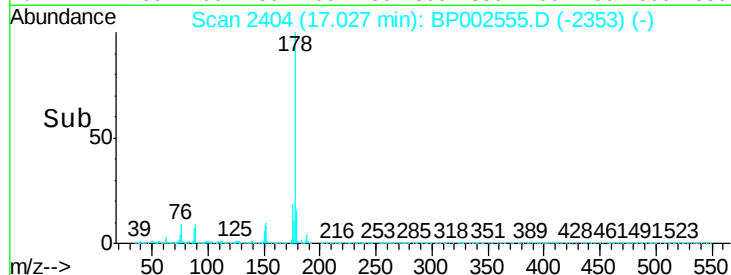
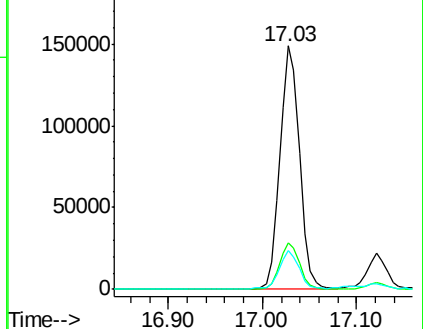
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 5.379 ng

RT: 19.02 min Scan# 2742

Delta R.T. -0.00 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

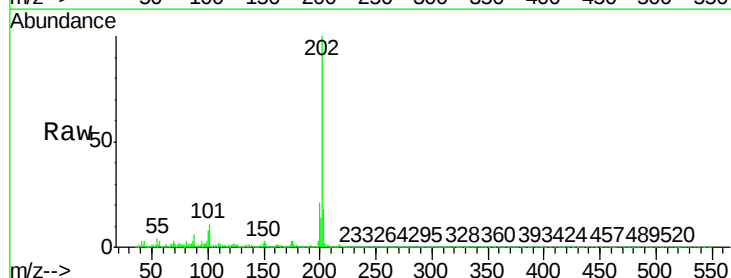
Tgt Ion:202 Resp: 344304

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.3

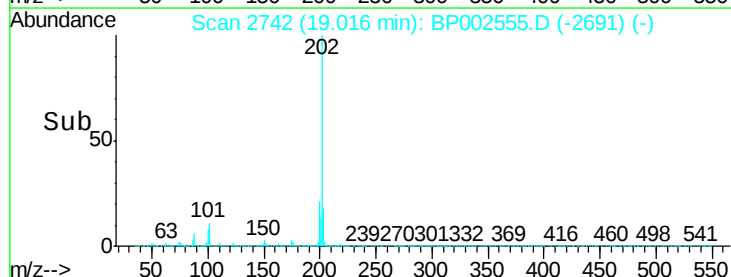
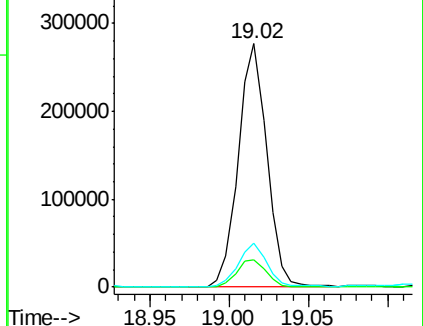
203 17.8 0.0 36.9

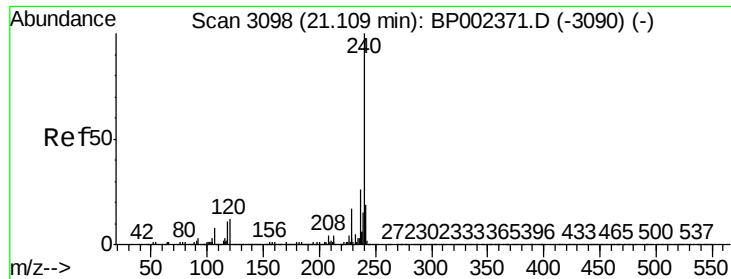


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

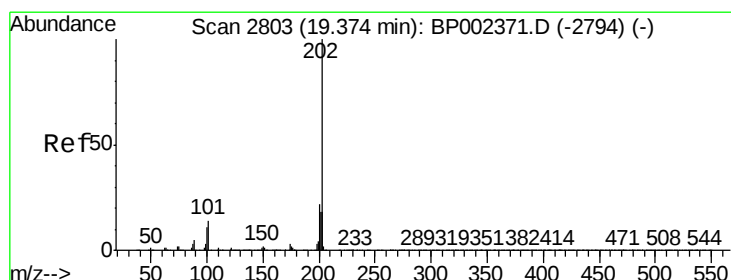
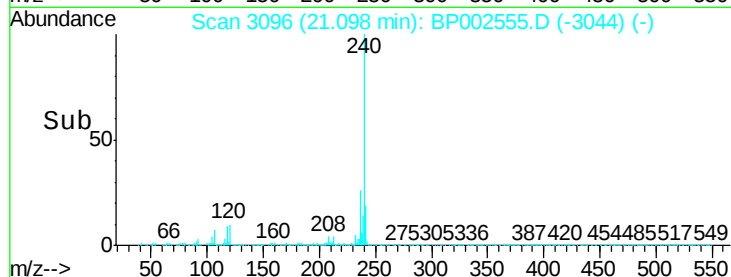
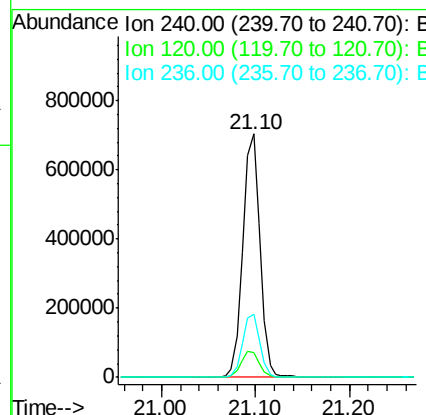
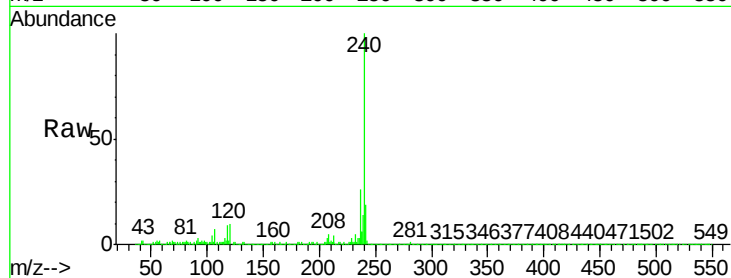




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3096
Delta R.T. 0.01 min
Lab File: BP002555.D
Acq: 26 Jun 2020 17:22

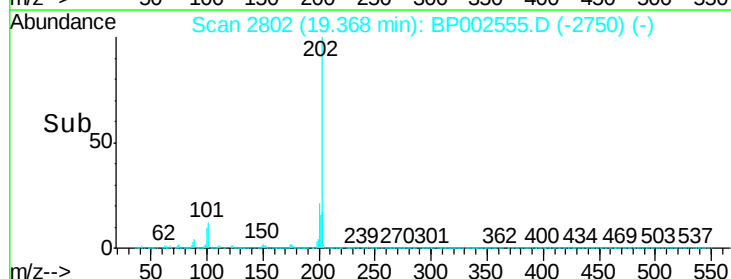
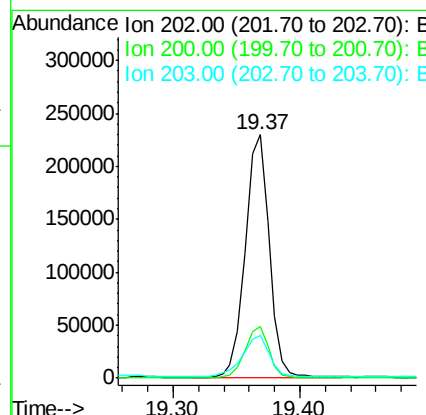
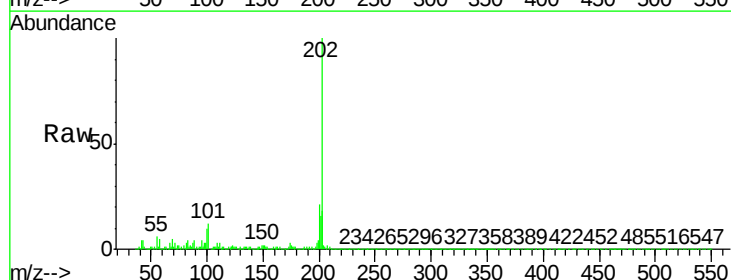
Instrument :
BNA_P
ClientSampleId :
TP-4-S

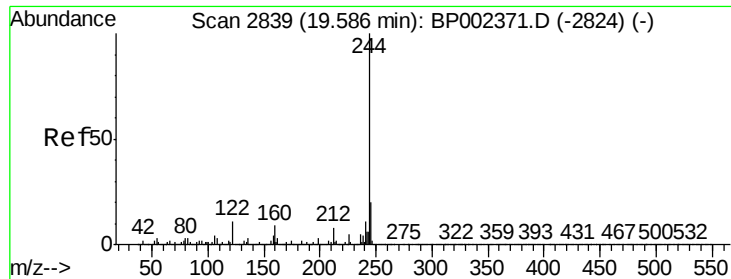
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.8	21.7	32.5



#78
Pyrene
Concen: 5.498 ng
RT: 19.37 min Scan# 2802
Delta R.T. 0.01 min
Lab File: BP002555.D
Acq: 26 Jun 2020 17:22

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	17.4	26.2
203	17.7	14.1	21.1





#79

Terphenyl-d14

Concen: 95.113 ng

RT: 19.58 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

Instrument :

BNA_P

ClientSampleId :

TP-4-S

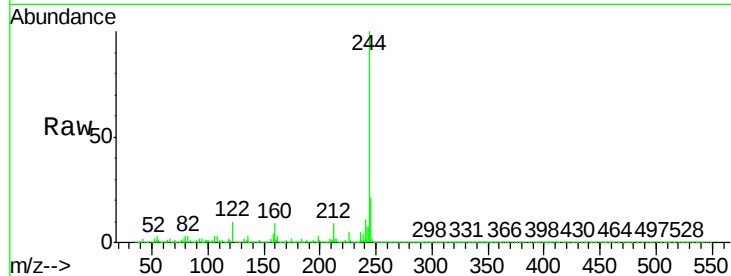
Tot Ion:244 Resp: 3185783

Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

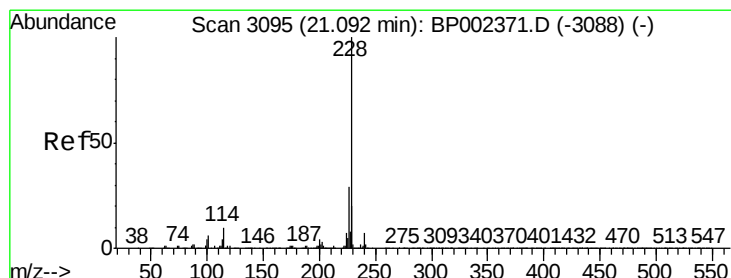
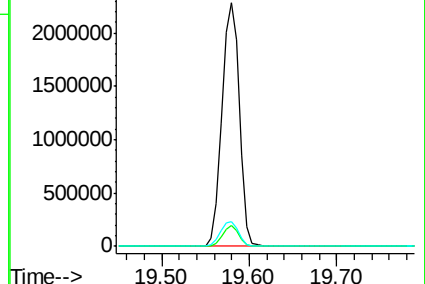
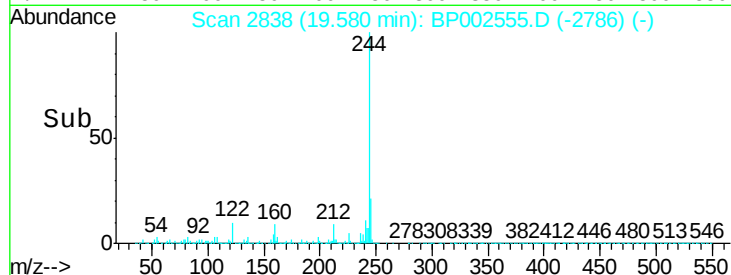
122 10.1 8.0 12.0



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: 2.522 ng

RT: 21.08 min Scan# 3093

Delta R.T. -0.00 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

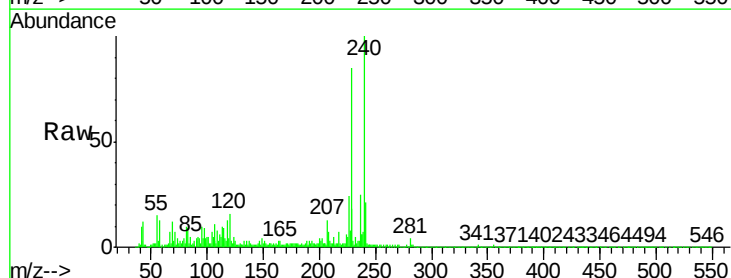
Tgt Ion:228 Resp: 128420

Ion Ratio Lower Upper

228 100

226 28.5 22.3 33.5

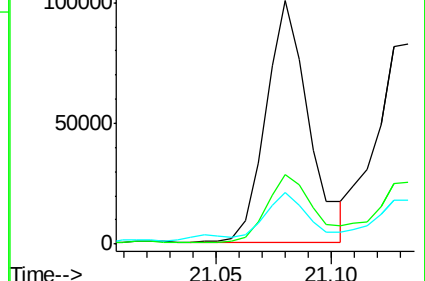
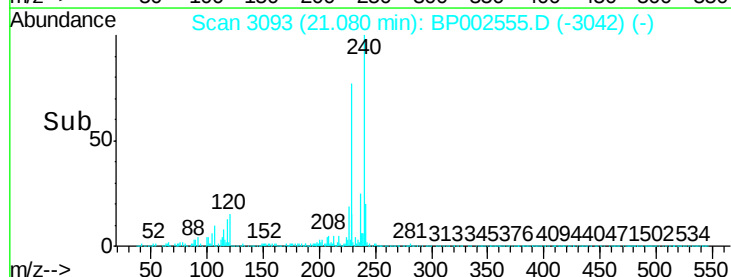
229 21.1 15.9 23.9

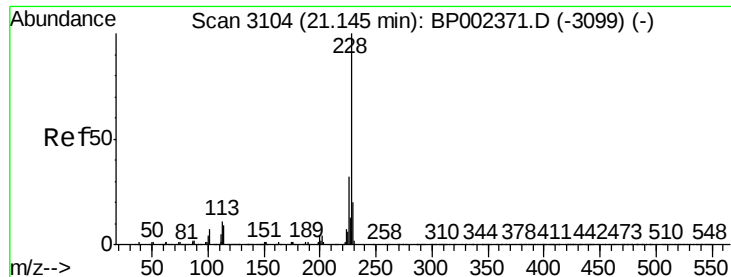


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Chrysene

Concen: 2.520 ng

RT: 21.13 min Scan# 3102

Delta R.T. 0.01 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

Instrument :

BNA_P

ClientSampled :

TP-4-S

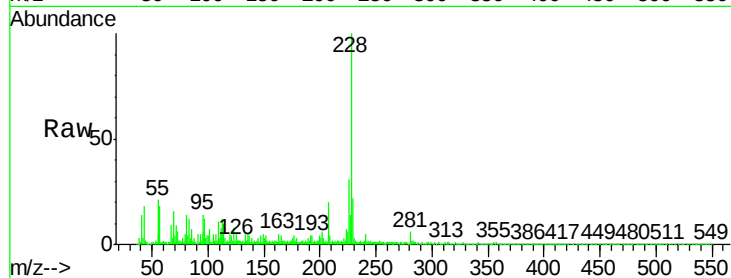
Tot Ion:228 Resp: 121567

Ion Ratio Lower Upper

228 100

226 30.9 25.0 37.6

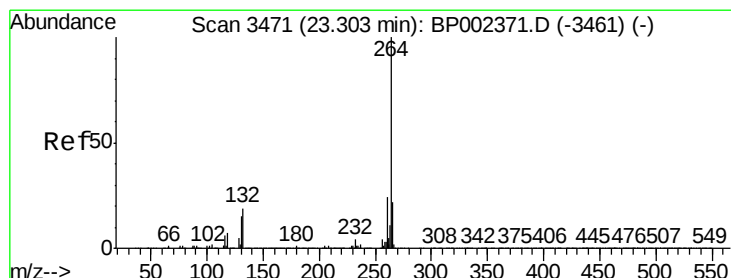
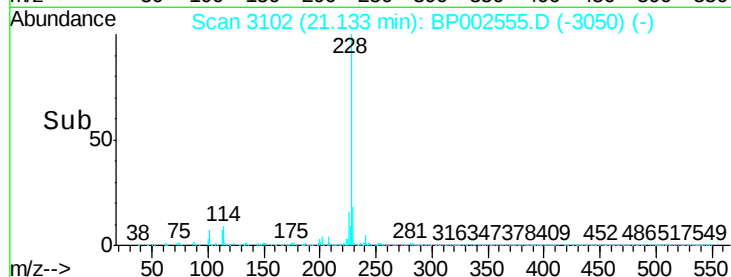
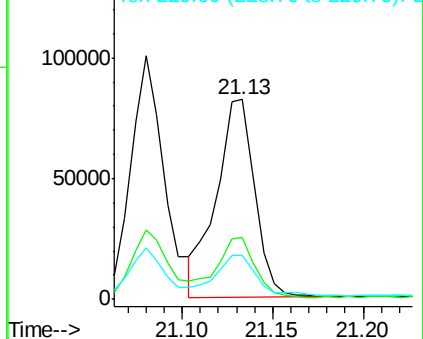
229 21.8 15.7 23.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.30 min Scan# 3470

Delta R.T. 0.01 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

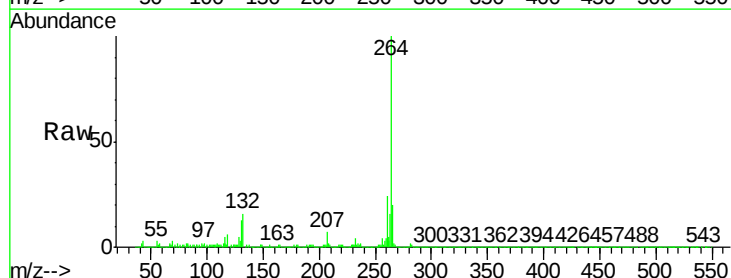
Tgt Ion:264 Resp: 774536

Ion Ratio Lower Upper

264 100

260 23.5 19.7 29.5

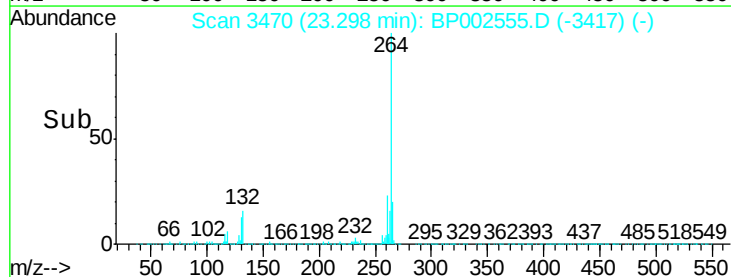
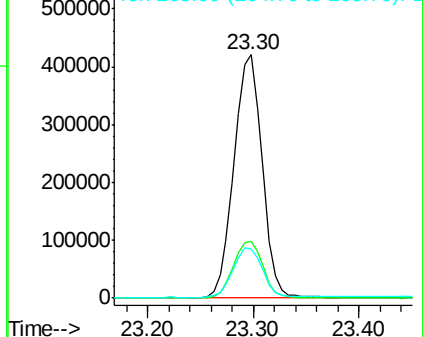
265 20.4 17.6 26.4

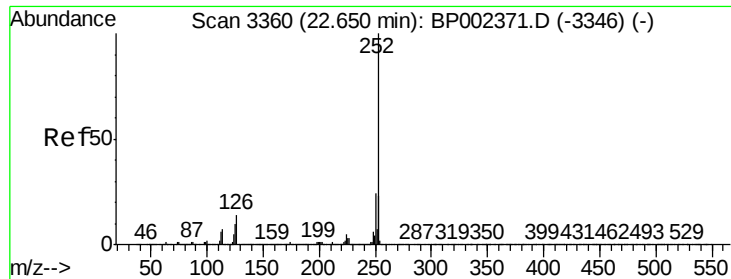


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 3.234 ng

RT: 22.64 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

Instrument :

BNA_P

ClientSampleId :

TP-4-S

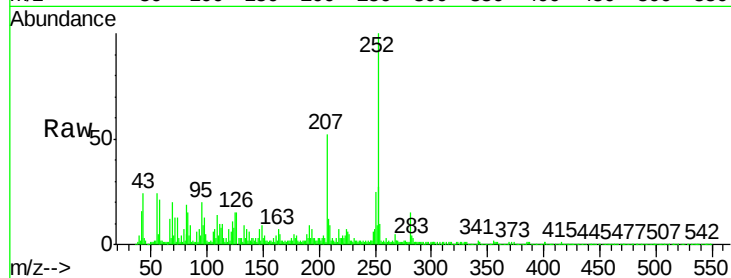
Tot Ion:252 Resp: 135098

Ion Ratio Lower Upper

252 100

253 26.8 18.1 27.1

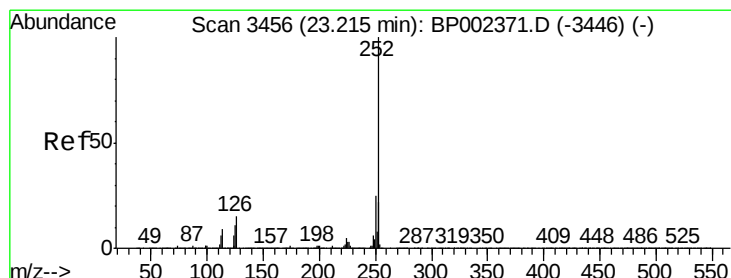
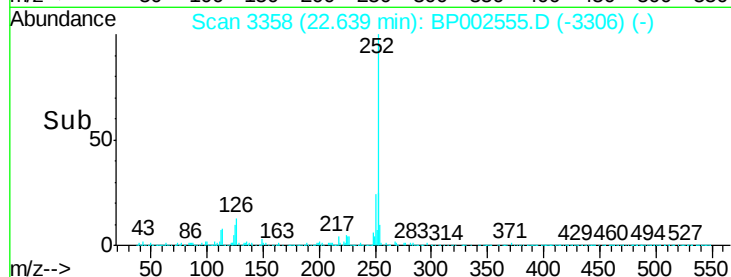
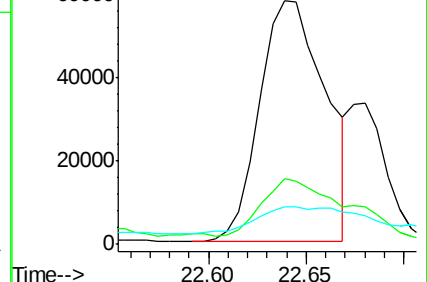
125 15.4 7.5 11.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 2.341 ng

RT: 23.20 min Scan# 3453

Delta R.T. 0.01 min

Lab File: BP002555.D

Acq: 26 Jun 2020 17:22

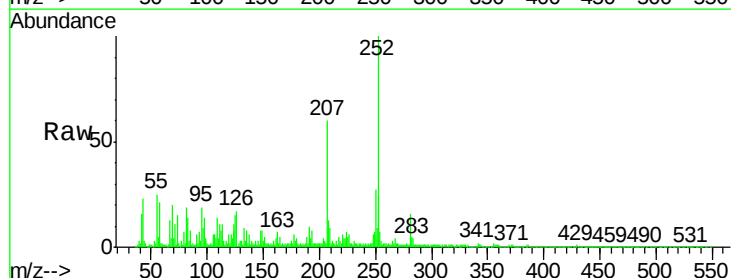
Tgt Ion:252 Resp: 91643

Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.4

125 15.4 8.7 13.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

