

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062620\
 Data File : BP002553.D
 Acq On : 26 Jun 2020 16:14
 Operator : CG/JU
 Sample : L3125-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-2

Quant Time: Jun 26 17:38:00 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

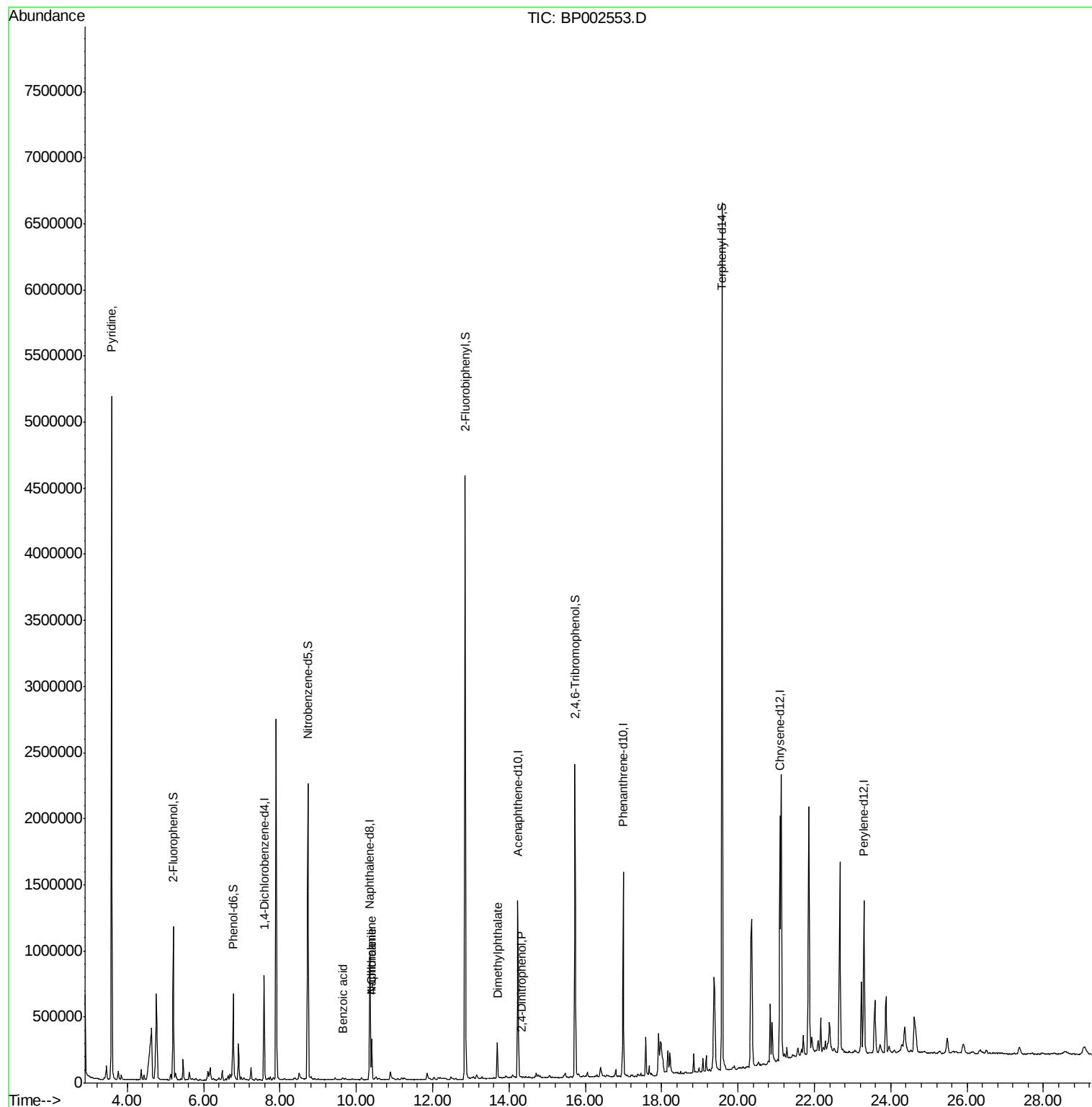
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	204297	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	760288	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	447506	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	939318	20.00	ng	0.00
76) Chrysene-d12	21.10	240	842611	20.00	ng	0.00
86) Perylene-d12	23.29	264	791621	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	475266	43.05	ng	0.00
7) Phenol-d6	6.78	99	372693	25.35	ng	0.00
23) Nitrobenzene-d5	8.73	82	1294021	101.64	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	443036	103.40	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2439096	91.64	ng	0.00
79) Terphenyl-d14	19.58	244	3146996	101.33	ng	0.00
Target Compounds						
3) Pyridine	3.59	79	1210769	87.593	ng	Qvalue # 24
9) Benzaldehyde	6.73	77	15130	Below Cal		90
31) Naphthalene	10.40	128	252570	7.151	ng	99
32) Benzoic acid	9.64	122	8558	5.580	ng	84
33) 4-Chloroaniline	10.40	127	33203	2.153	ng	# 32
50) Dimethylphthalate	13.69	163	180738	5.894	ng	100
54) 2,4-Dinitrophenol	14.35	184	68	2.803	ng	# 50
61) 4-Chlorophenyl-phenylether	15.03	204	39	Below Cal		92

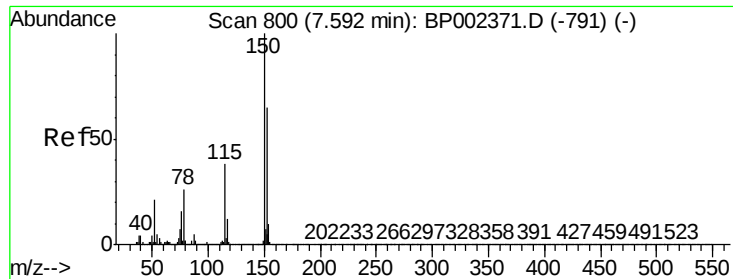
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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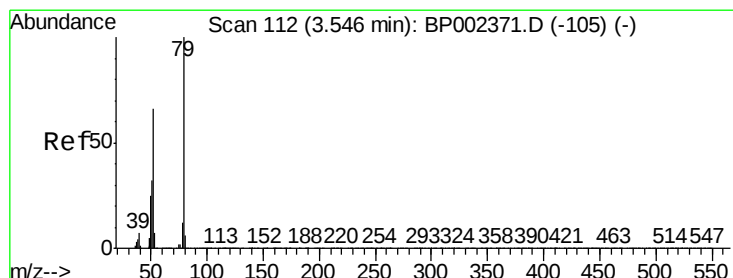
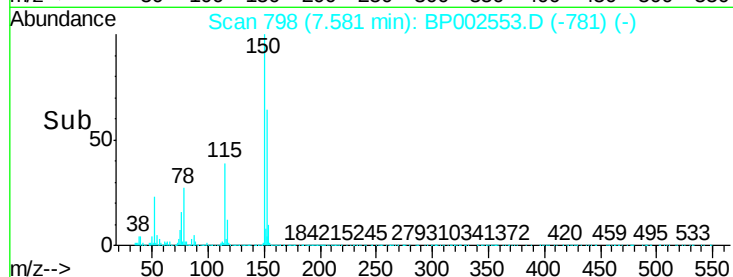
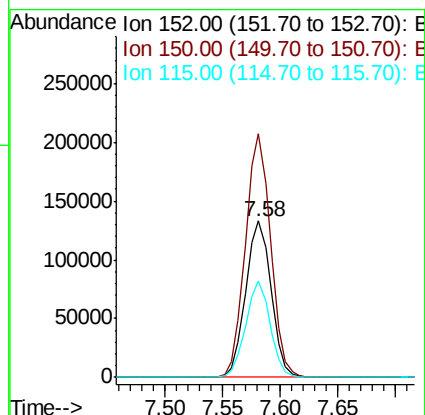
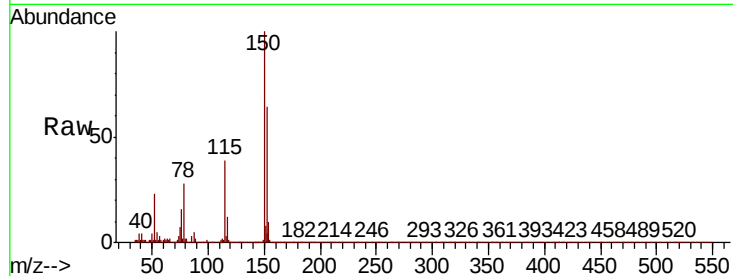


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 798
Delta R.T. 0.00 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Instrument :
BNA_P
ClientSampleId :
TW-2

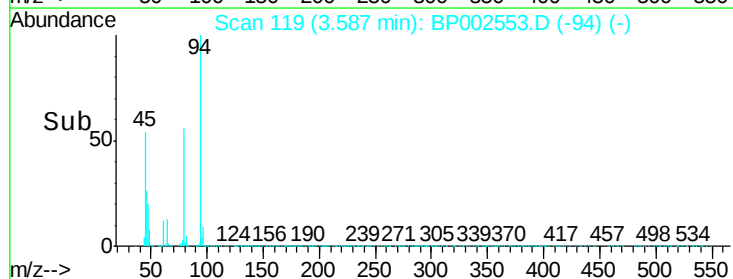
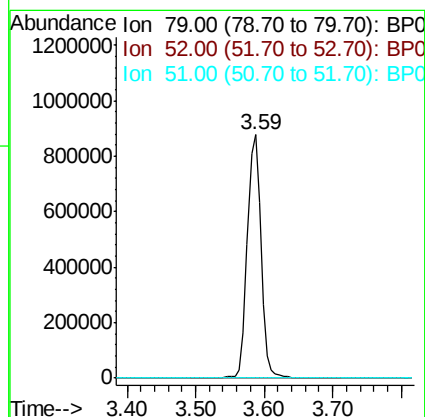
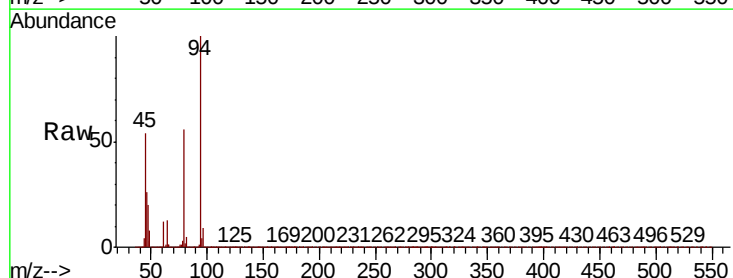
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.4	186.6
115	61.3	47.8	71.6

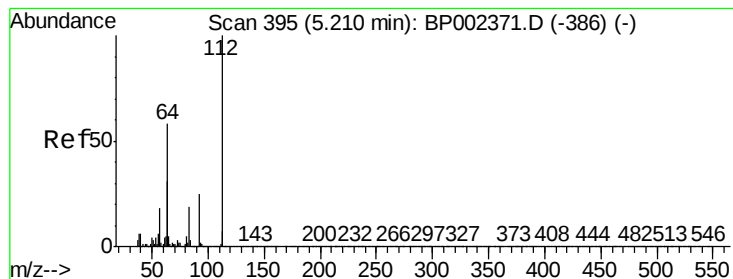


#3

Pyridine
Concen: 87.593 ng
RT: 3.59 min Scan# 119
Delta R.T. 0.05 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
79	100		
52	0.0	54.3	81.5#
51	0.2	27.8	41.6#





#5

2-Fluorophenol

Concen: 43.047 ng

RT: 5.20 min Scan# 394

Delta R.T. 0.00 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

Instrument :

BNA_P

ClientSampleId :

TW-2

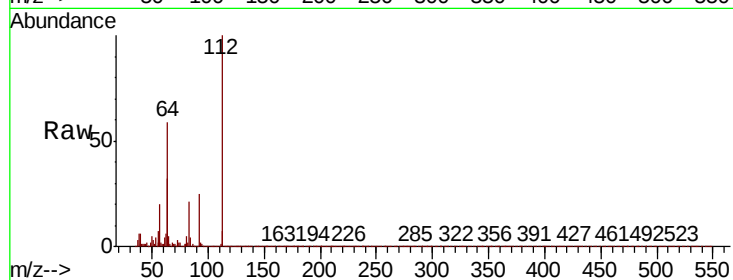
Tot Ion:112 Resp: 475266

Ion Ratio Lower Upper

112 100

64 59.3 46.4 69.6

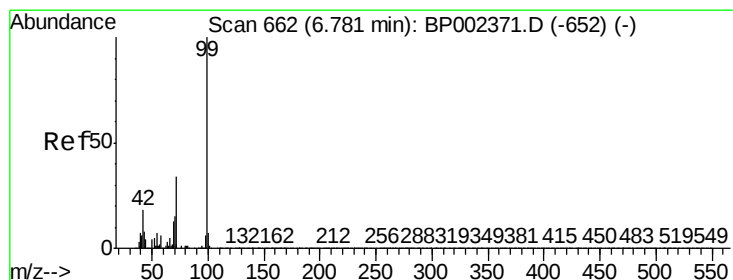
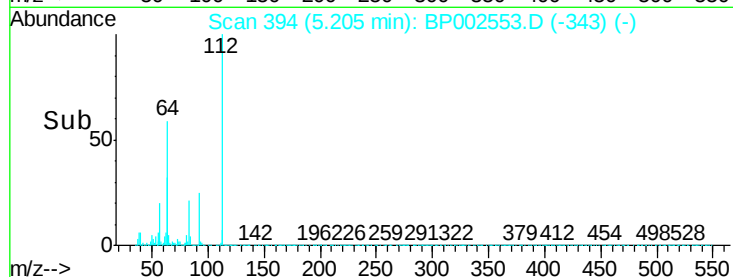
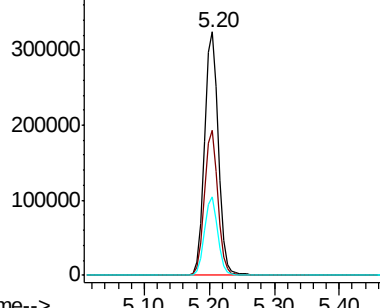
63 32.1 25.0 37.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 25.354 ng

RT: 6.78 min Scan# 661

Delta R.T. 0.00 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

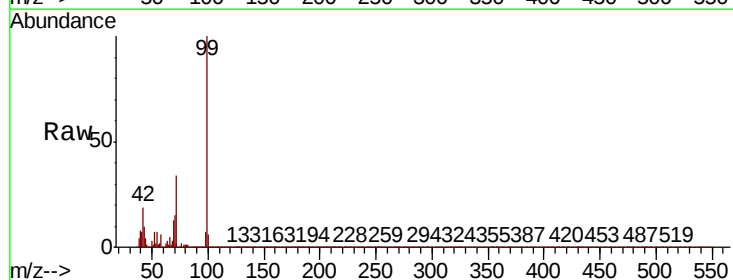
Tgt Ion: 99 Resp: 372693

Ion Ratio Lower Upper

99 100

42 18.8 15.3 22.9

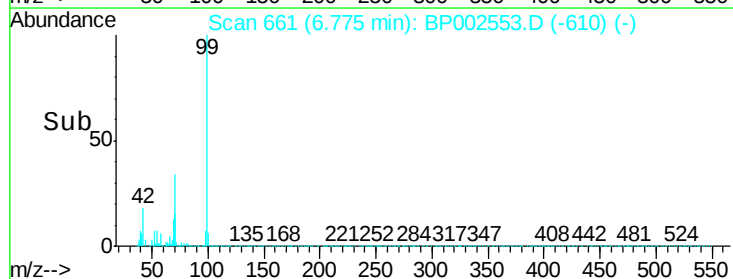
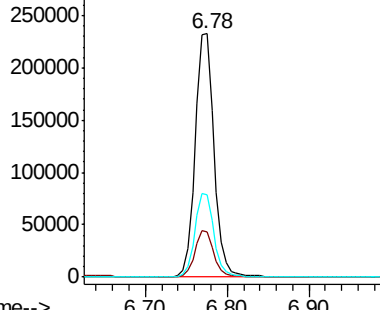
71 33.8 28.2 42.2

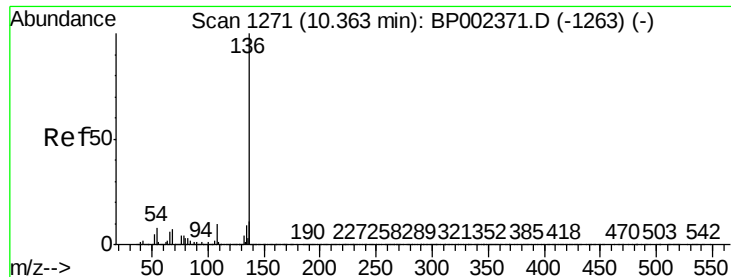


Abundance Ion 99.00 (98.70 to 99.70): BP0

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: 10.35 min Scan# 1269

Delta R.T. 0.00 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

Instrument :

BNA_P

ClientSampleId :

TW-2

Tot Ion:136 Resp: 760288

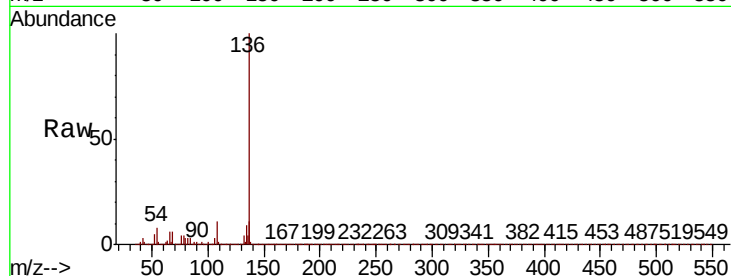
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.2 6.6 10.0

68 6.4 5.4 8.0

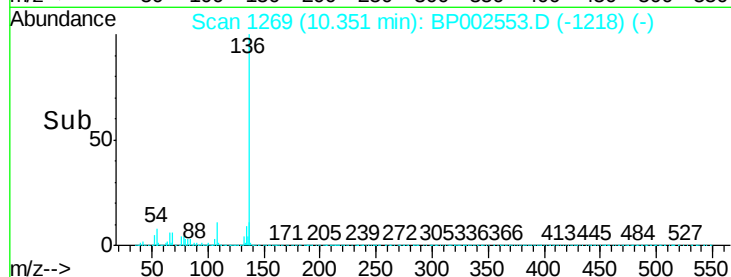


Abundance Ion 136.00 (135.70 to 136.70): E

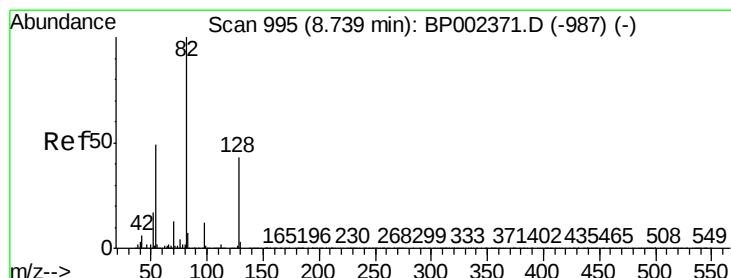
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



Time-->



#23

Nitrobenzene-d5

Concen: 101.642 ng

RT: 8.73 min Scan# 993

Delta R.T. 0.00 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

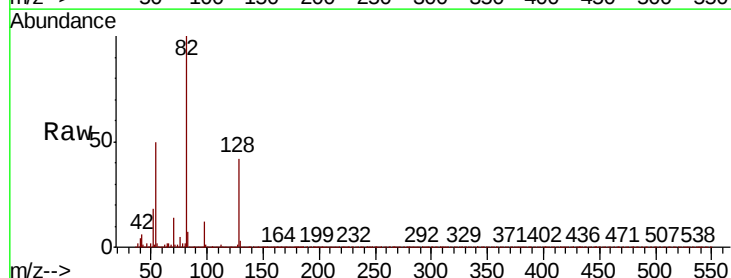
Tgt Ion: 82 Resp: 1294021

Ion Ratio Lower Upper

82 100

128 41.9 32.8 49.2

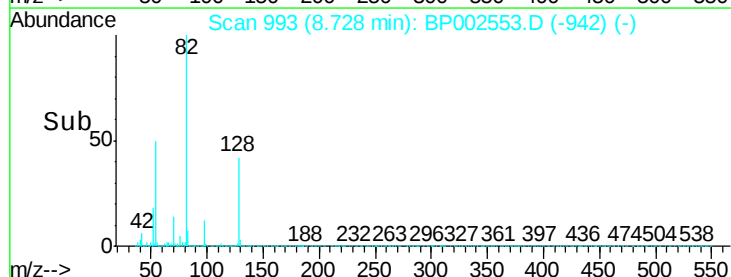
54 50.1 39.9 59.9



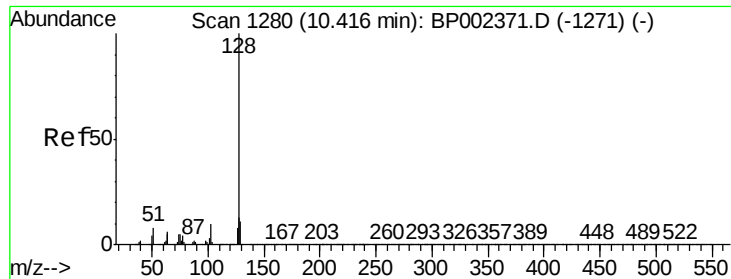
Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0



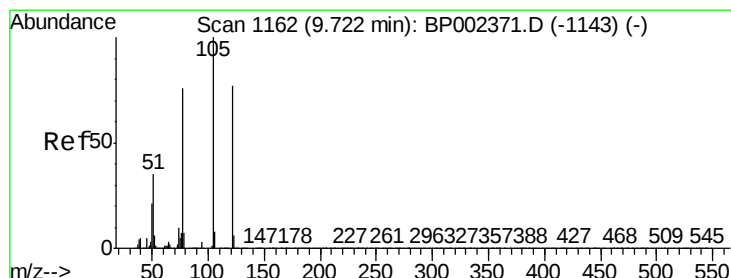
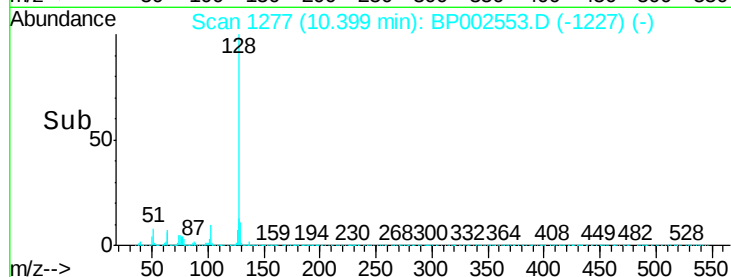
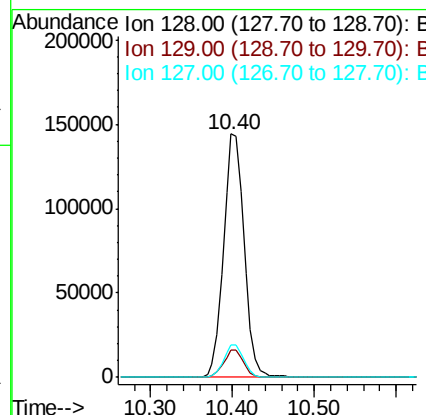
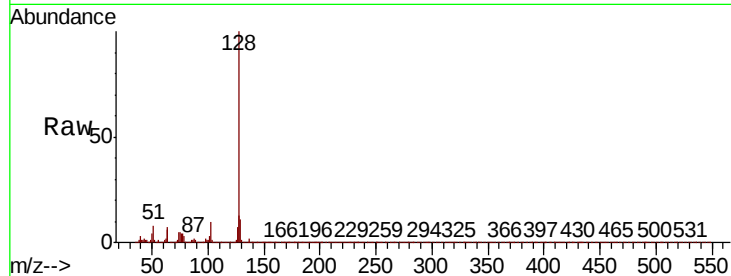
Time-->



#31
Naphthalene
Concen: 7.151 ng
RT: 10.40 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

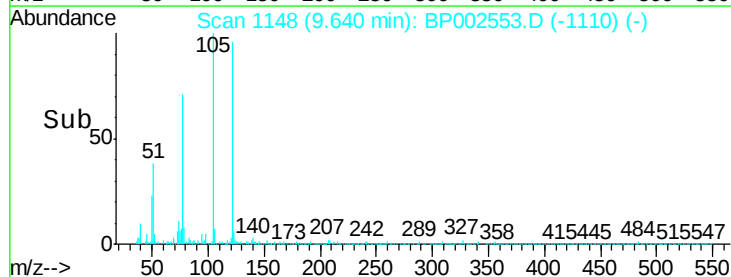
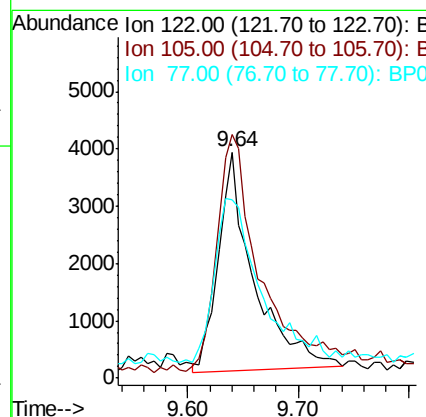
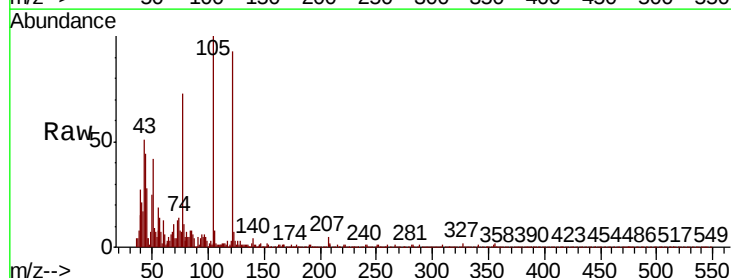
Instrument :
BNA_P
ClientSampleId :
TW-2

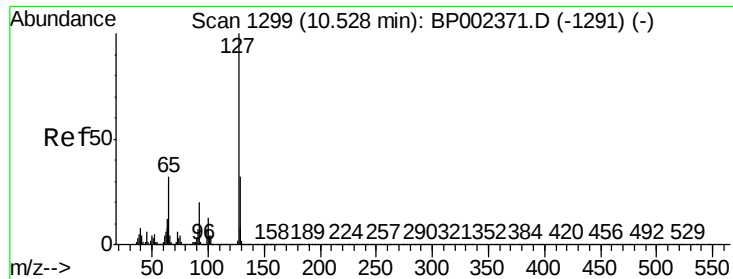
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.4	10.4	15.6



#32
Benzoic acid
Concen: 5.580 ng
RT: 9.64 min Scan# 1148
Delta R.T. -0.08 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
122	100		
105	107.9	105.0	145.0
77	78.9	76.9	116.9

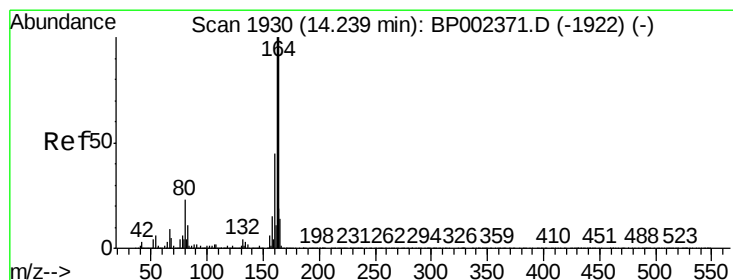
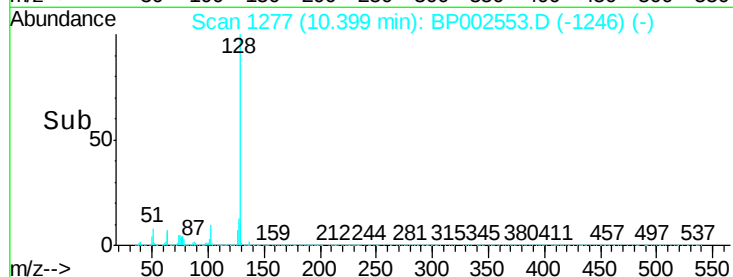
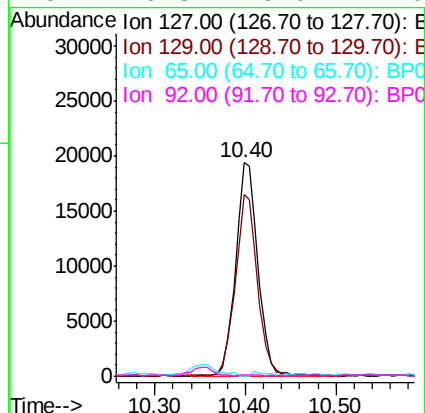
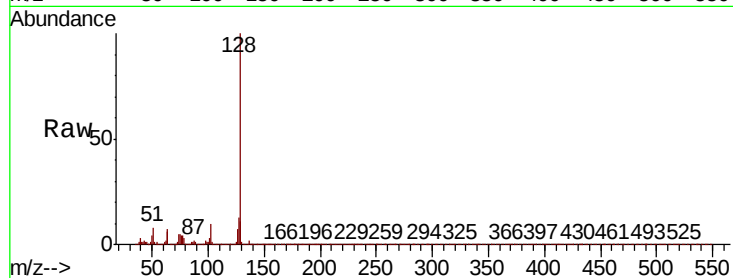




#33
4-Chloroaniline
Concen: 2.153 ng
RT: 10.40 min Scan# 1277
Delta R.T. -0.12 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

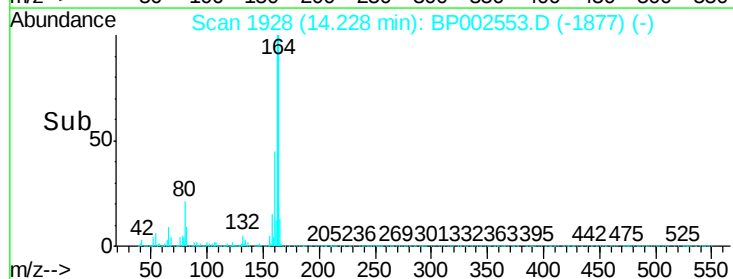
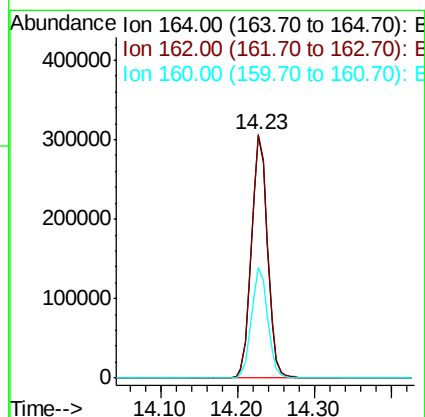
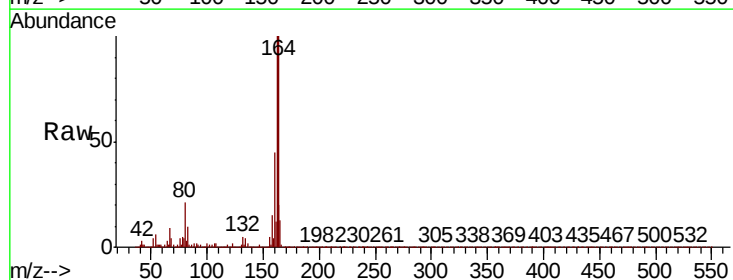
Instrument :
BNA_P
ClientSampleId :
TW-2

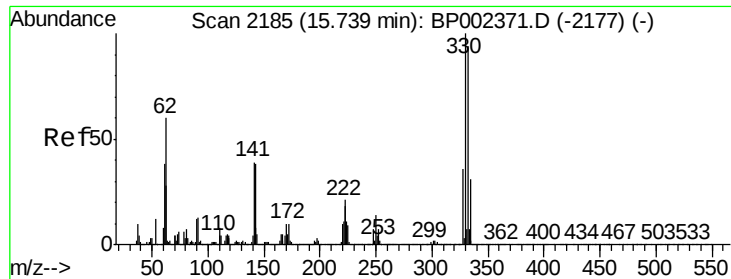
Tot Ion:	127	Resp:	33203
Ion	Ratio	Lower	Upper
127	100		
129	85.0	25.8	38.6#
65	0.0	25.4	38.2#
92	0.8	16.0	24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1928
Delta R.T. 0.00 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Tgt Ion:	164	Resp:	447506
Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	121.0
160	45.3	35.4	53.2

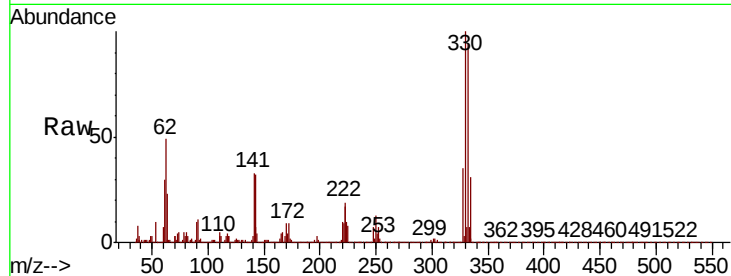




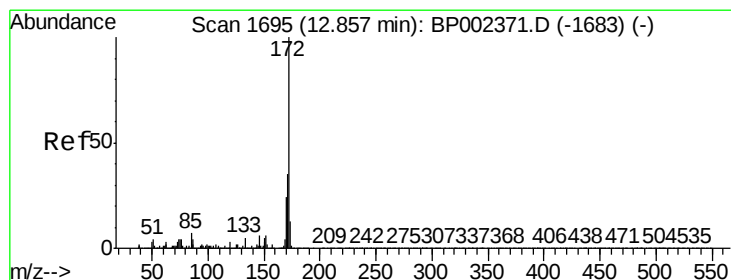
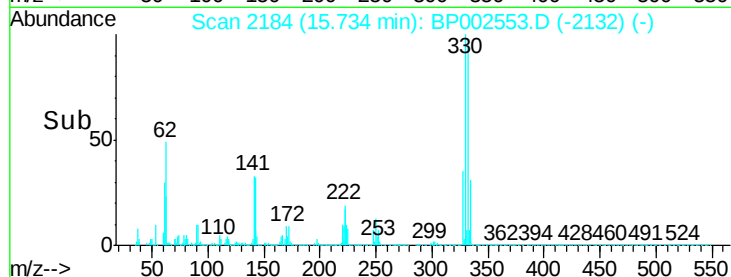
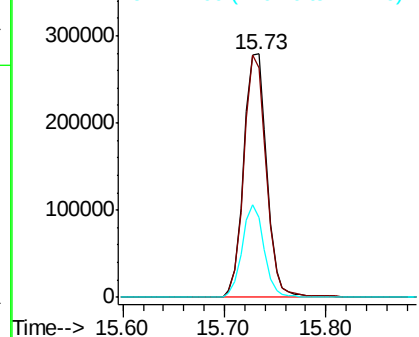
#42
2,4,6-Tribromophenol
Concen: 103.403 ng
RT: 15.73 min Scan# 2184
Delta R.T. 0.01 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Instrument :
BNA_P
ClientSampleId :
TW-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.2	115.8
141	36.2	30.4	45.6

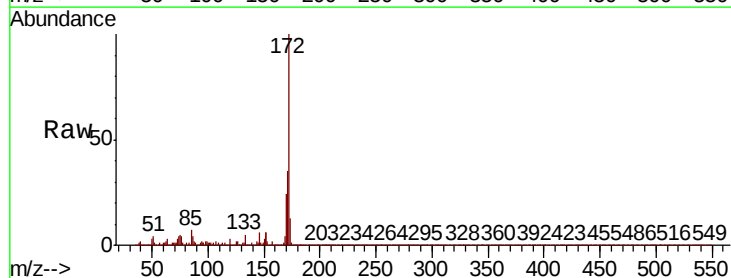


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

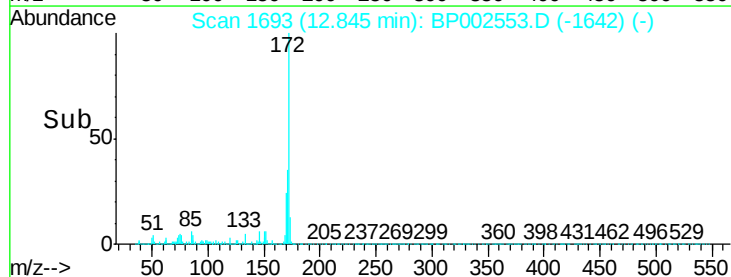
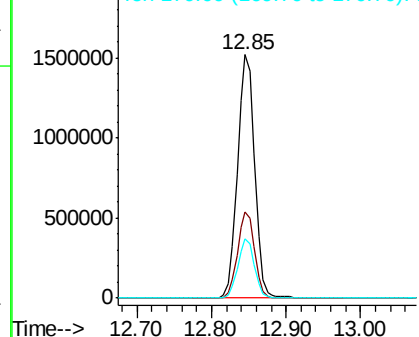


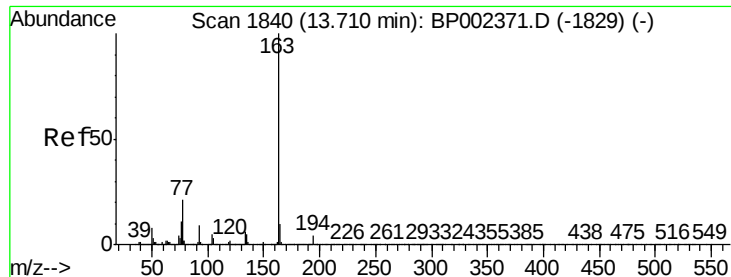
#45
2-Fluorobiphenyl
Concen: 91.644 ng
RT: 12.85 min Scan# 1693
Delta R.T. 0.00 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	24.2	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

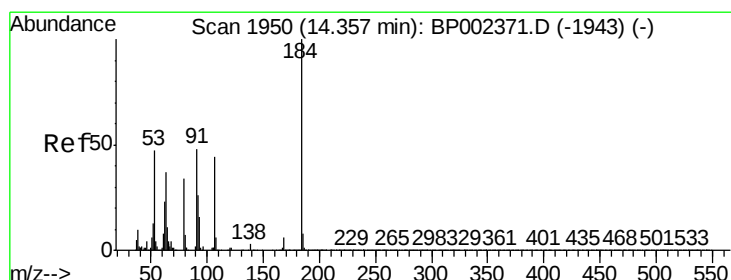
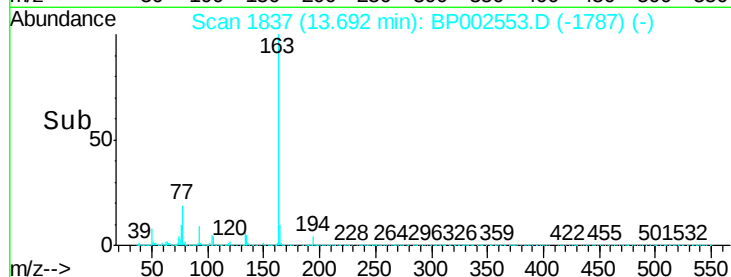
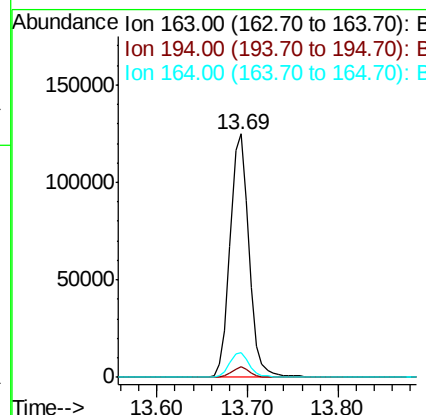
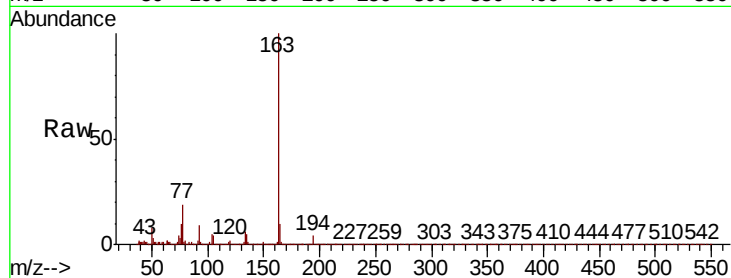




#50
Dimethylphthalate
Concen: 5.894 ng
RT: 13.69 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

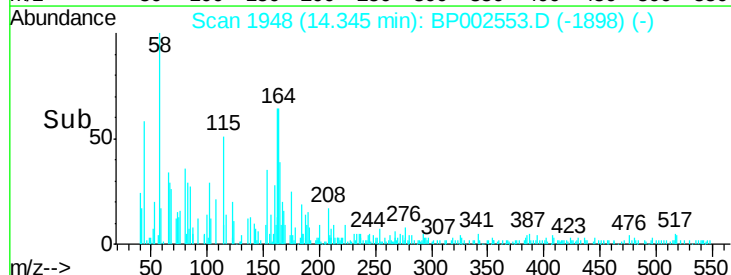
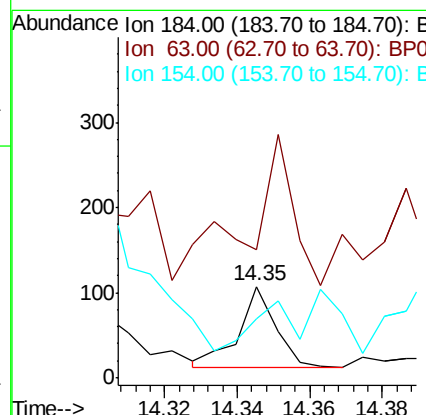
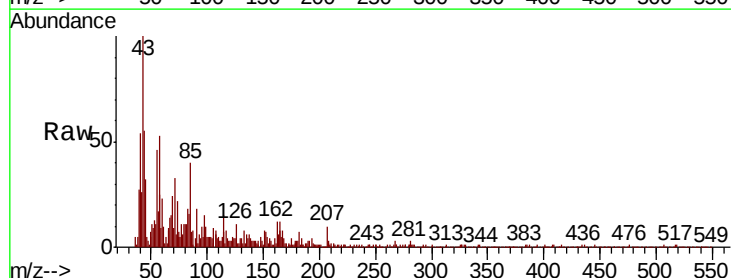
Instrument :
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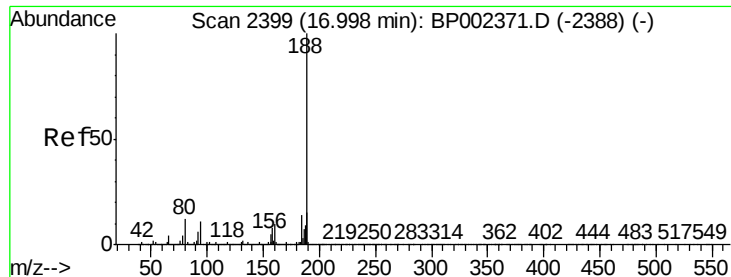
Tot Ion:163 Resp: 180738
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.2 12.2



#54
2,4-Dinitrophenol
Concen: 2.803 ng
RT: 14.35 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BP002553.D
Acq: 26 Jun 2020 16:14

Tgt Ion:184 Resp: 68
Ion Ratio Lower Upper
184 100
63 140.2 51.3 76.9#
154 64.5 50.2 75.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. 0.00 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

Instrument :

BNA_P

ClientSampleId :

TW-2

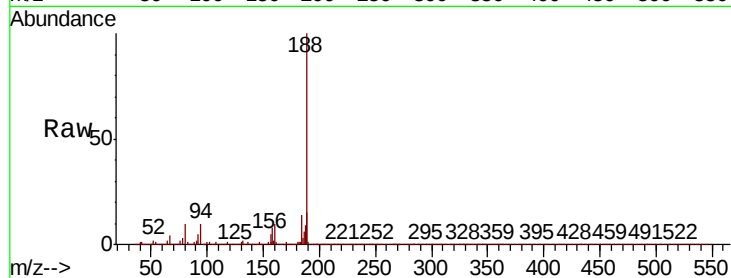
Tot Ion:188 Resp: 939318

Ion Ratio Lower Upper

188 100

94 9.9 7.6 11.4

80 10.5 8.3 12.5



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

800000

600000

400000

200000

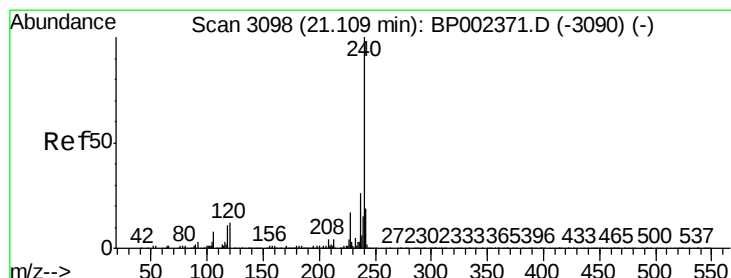
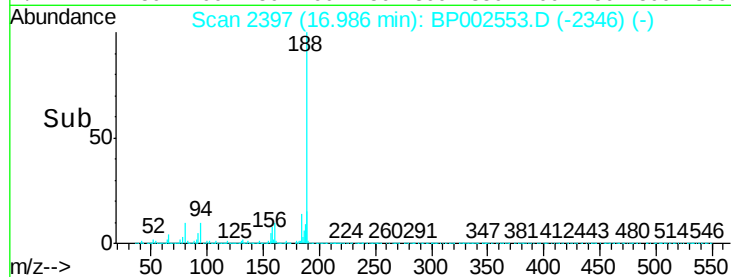
0

16.99

16.90

17.00

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.10 min Scan# 3096

Delta R.T. 0.01 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

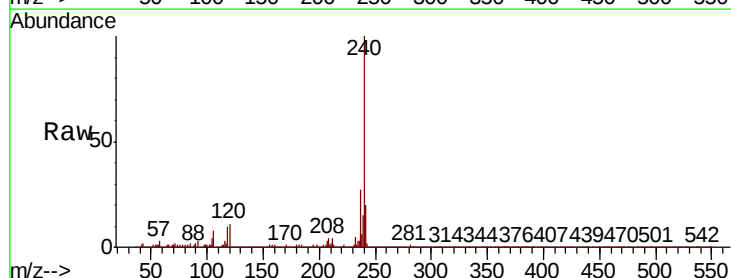
Tgt Ion:240 Resp: 842611

Ion Ratio Lower Upper

240 100

120 11.0 8.9 13.3

236 27.1 21.7 32.5



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

800000

600000

400000

200000

0

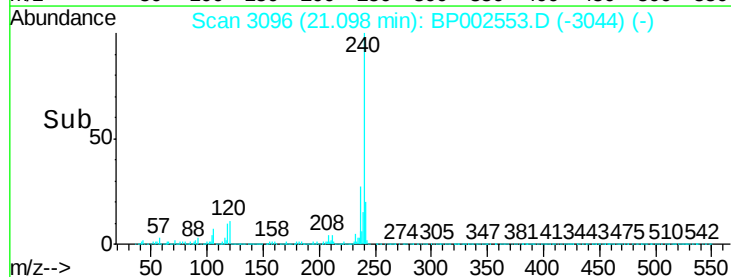
21.10

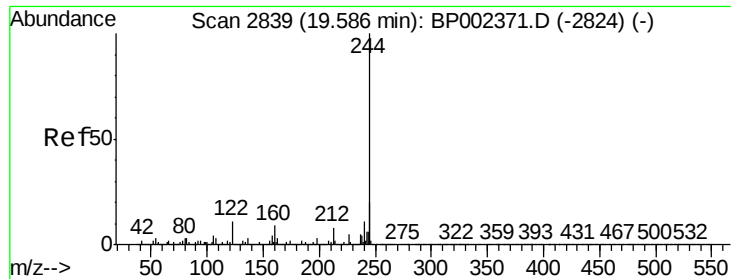
21.00

21.20

21.30

Time-->





#79

Terphenyl-d14

Concen: 101.332 ng

RT: 19.58 min Scan# 2838

Delta R.T. 0.01 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

Instrument :

BNA_P

ClientSampleId :

TW-2

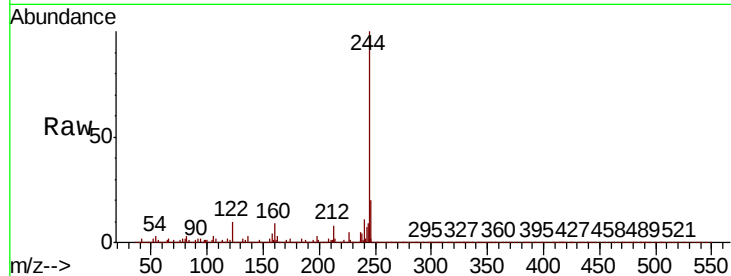
Tot Ion:244 Resp: 3146996

Ion Ratio Lower Upper

244 100

212 8.3 6.5 9.7

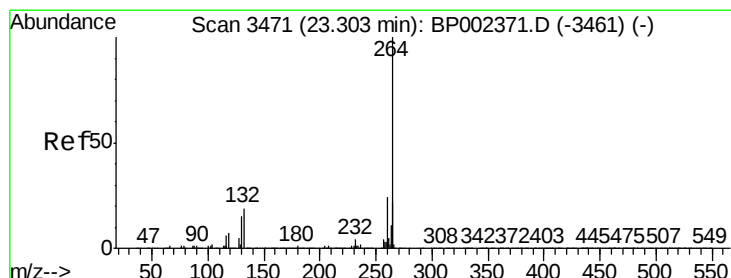
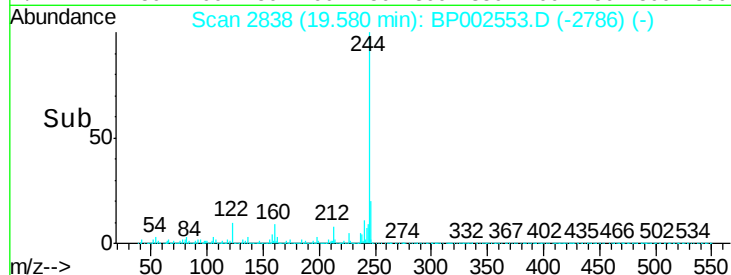
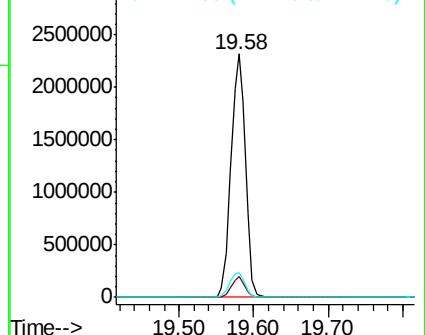
122 10.3 8.0 12.0



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. 0.01 min

Lab File: BP002553.D

Acq: 26 Jun 2020 16:14

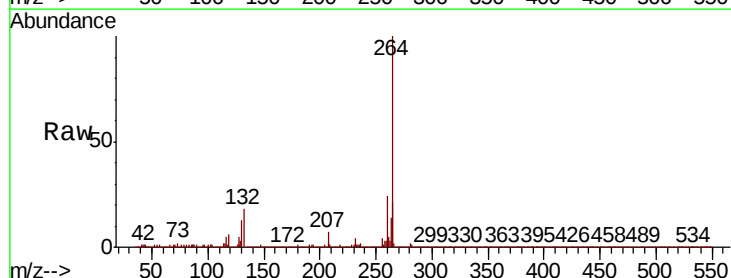
Tgt Ion:264 Resp: 791621

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.2 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

