

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002453.D
 Acq On : 18 Jun 2020 21:49
 Operator : CG/JU
 Sample : L3024-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-25

Quant Time: Jun 19 04:34:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	158780	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	629519	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	380589	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	816902	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	816358	20.00	ng	-0.02
86) Perylene-d12	23.29	264	849171	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1089938	127.02	ng	0.00
7) Phenol-d6	6.78	99	1249621	109.38	ng	0.00
23) Nitrobenzene-d5	8.73	82	1171525	111.14	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	589548	161.79	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2355713	104.07	ng	0.00
79) Terphenyl-d14	19.58	244	3422712	118.81	ng	0.00

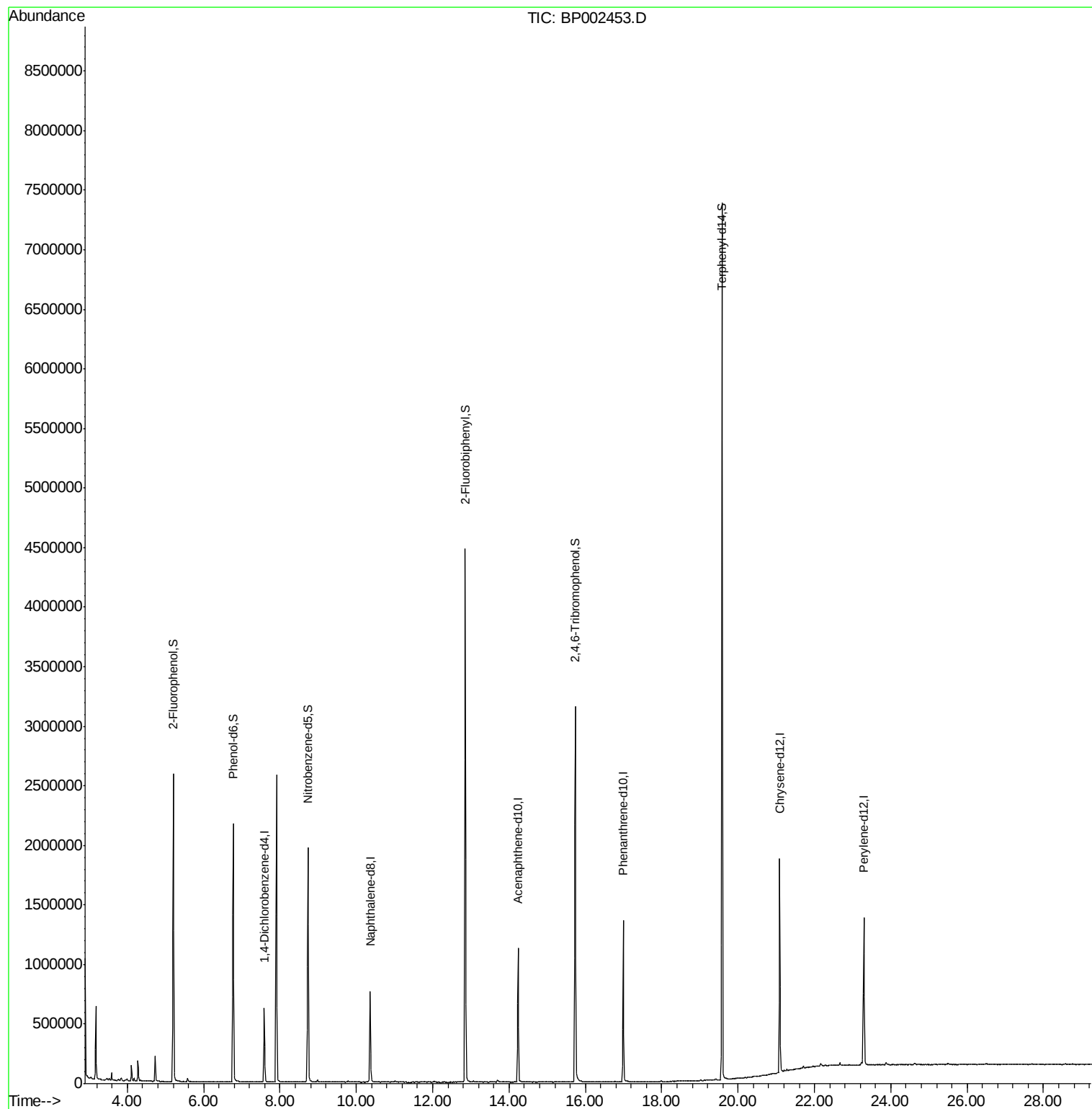
Target Compounds Qvalue

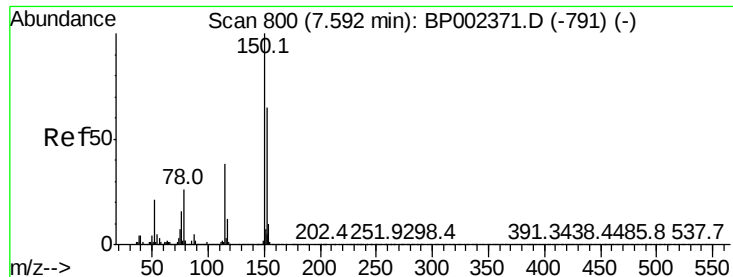
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002453.D

Acq: 18 Jun 2020 21:49

Instrument :

BNA_P

ClientSampled :

RO-25

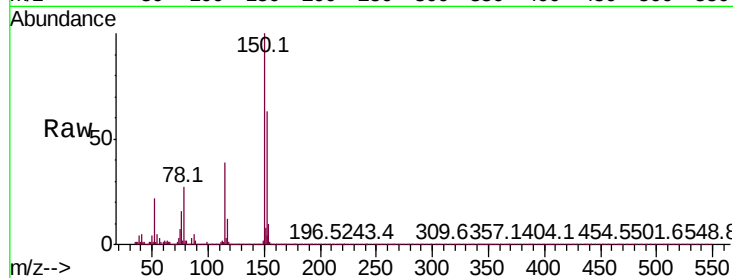
Tot Ion:152 Resp: 158780

Ion Ratio Lower Upper

152 100

150 158.2 124.0 186.0

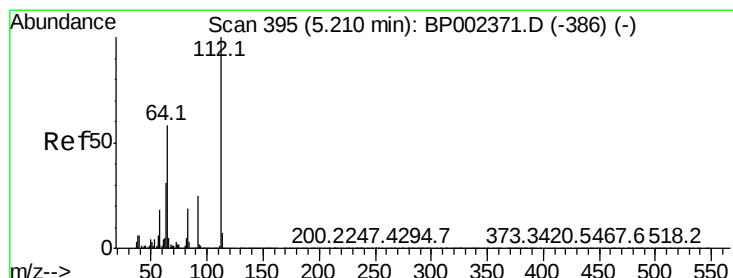
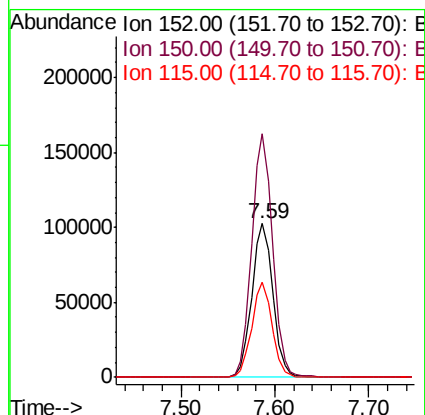
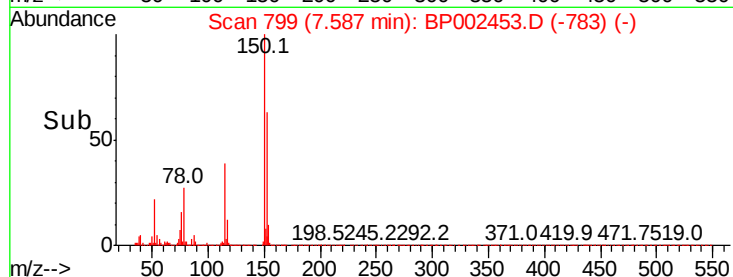
115 61.7 47.4 71.0



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: 127.021 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002453.D

Acq: 18 Jun 2020 21:49

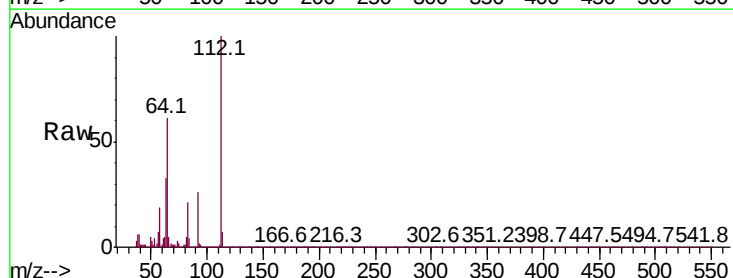
Tgt Ion:112 Resp: 1089938

Ion Ratio Lower Upper

112 100

64 61.0 46.2 69.2

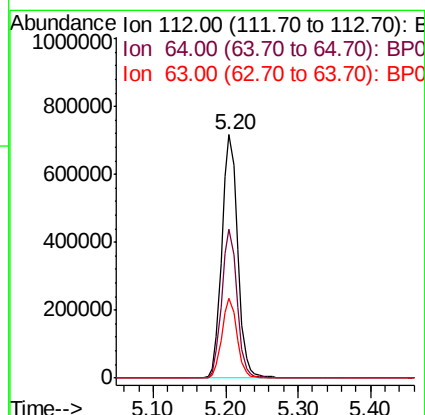
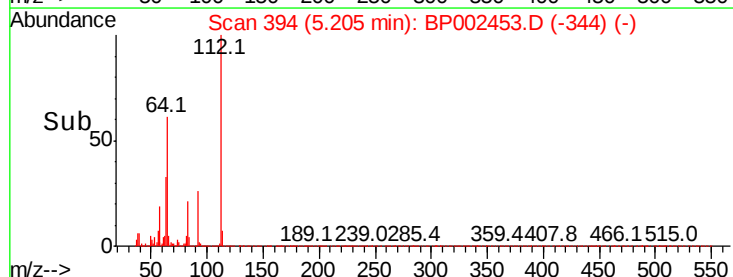
63 32.5 24.5 36.7

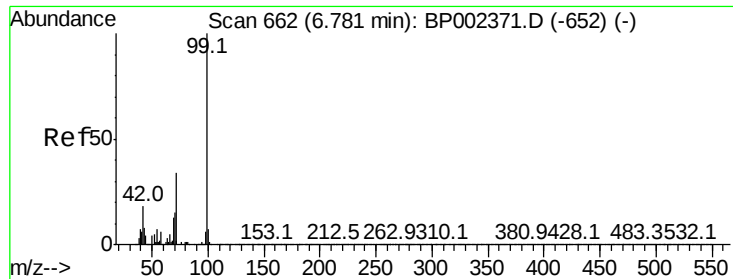


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 109.382 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002453.D

Acq: 18 Jun 2020 21:49

Instrument :

BNA_P

ClientSampleId :

RO-25

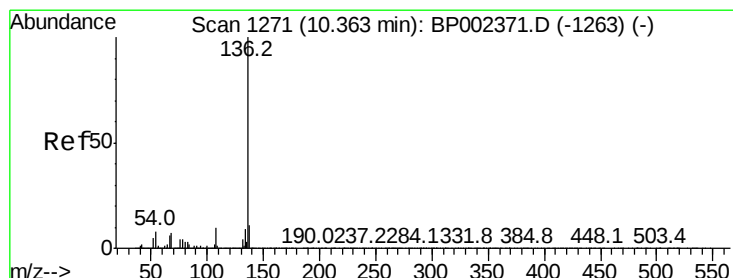
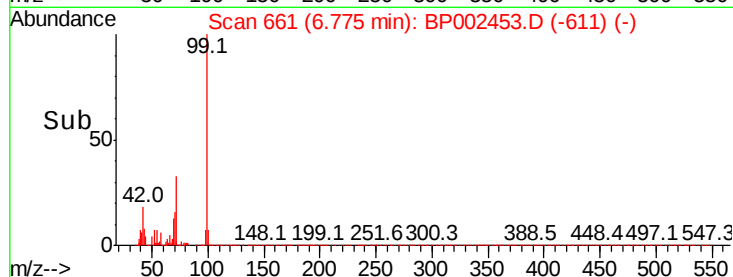
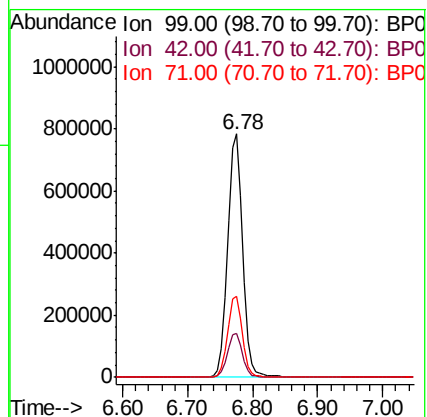
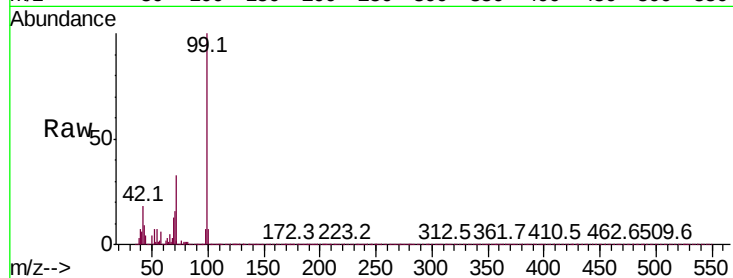
Tot Ion: 99 Resp: 1249621

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.6	22.0
71	33.1	27.2	40.8

99 100

42 17.8 14.6 22.0

71 33.1 27.2 40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002453.D

Acq: 18 Jun 2020 21:49

Tgt Ion: 136 Resp: 629519

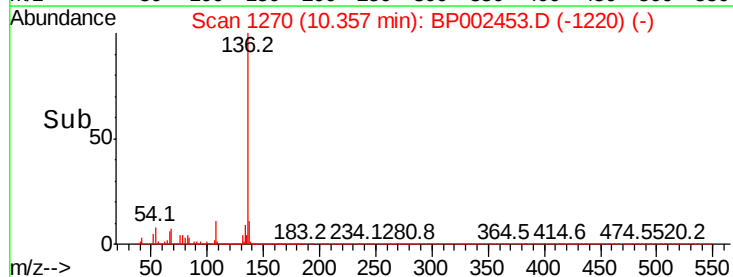
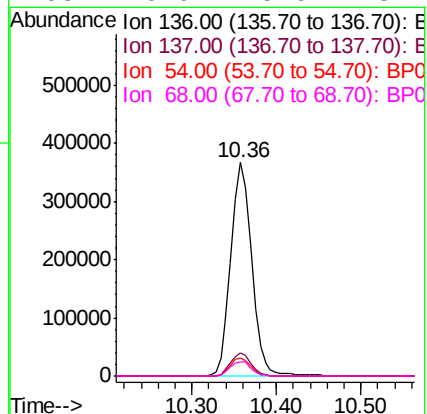
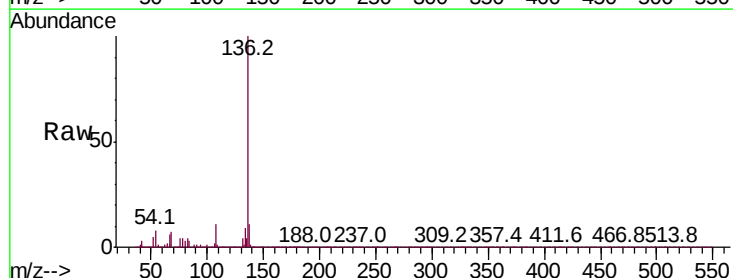
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.3	6.4	9.6
68	6.9	5.6	8.4

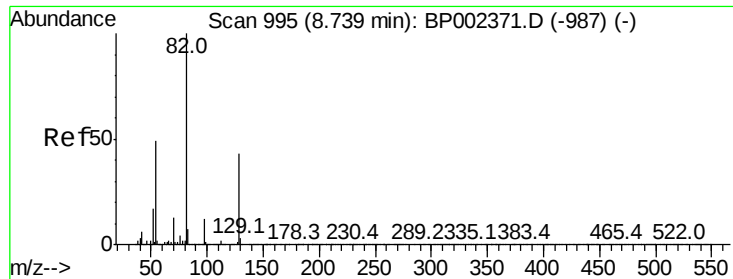
136 100

137 11.1 8.8 13.2

54 8.3 6.4 9.6

68 6.9 5.6 8.4



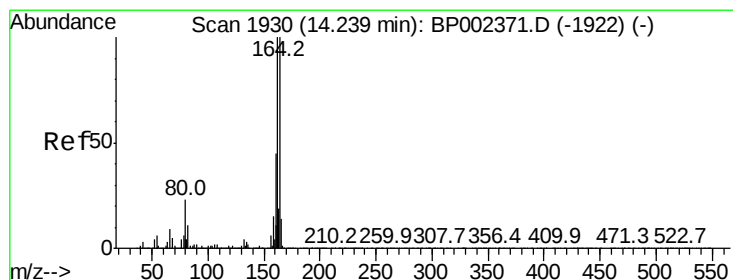
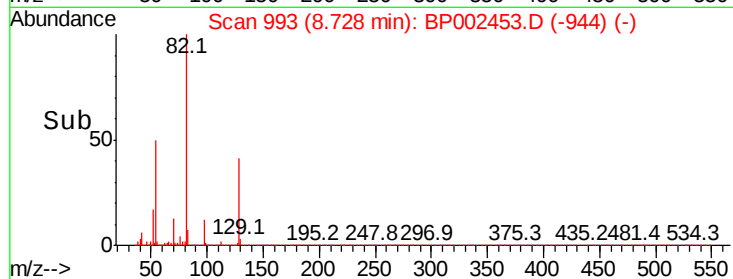
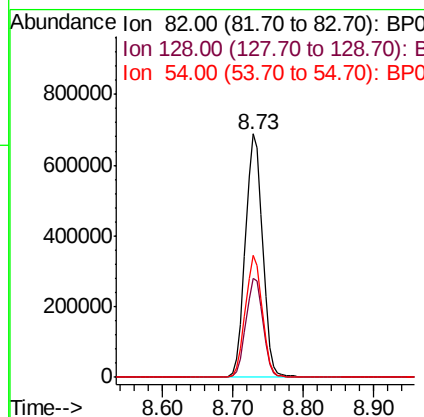
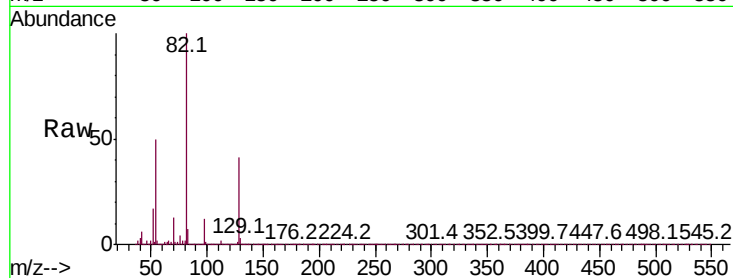


#23
 Nitrobenzene-d5
 Concen: 111.136 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002453.D
 Acq: 18 Jun 2020 21:49

Instrument :
 BNA_P
 ClientSampleId :
 RO-25

Tot Ion: 82 Resp: 1171525

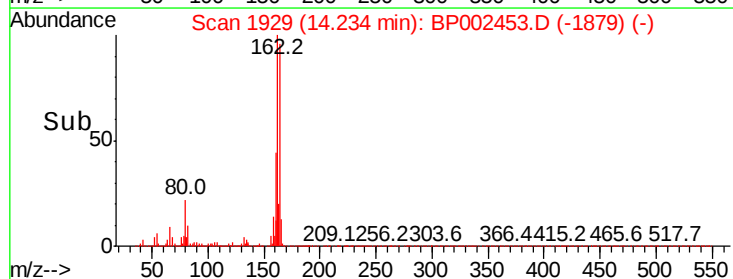
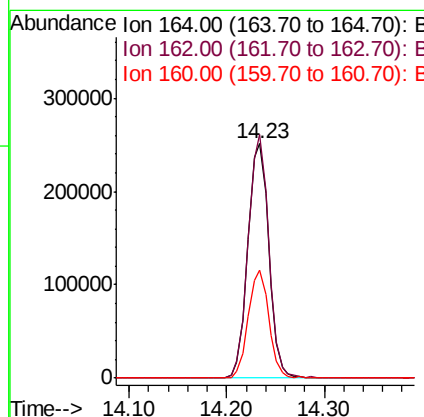
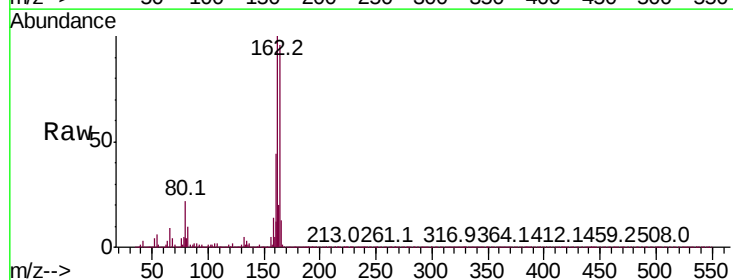
Ion	Ratio	Lower	Upper
82	100		
128	40.6	34.5	51.7
54	50.0	39.4	59.2

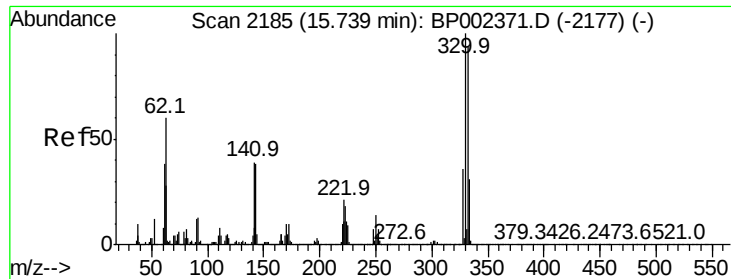


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002453.D
 Acq: 18 Jun 2020 21:49

Tgt Ion: 164 Resp: 380589

Ion	Ratio	Lower	Upper
164	100		
162	103.9	79.8	119.8
160	46.0	36.2	54.2

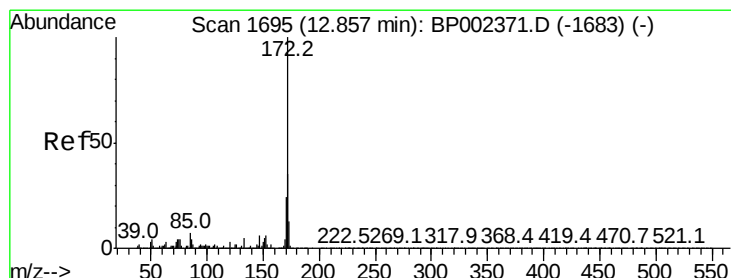
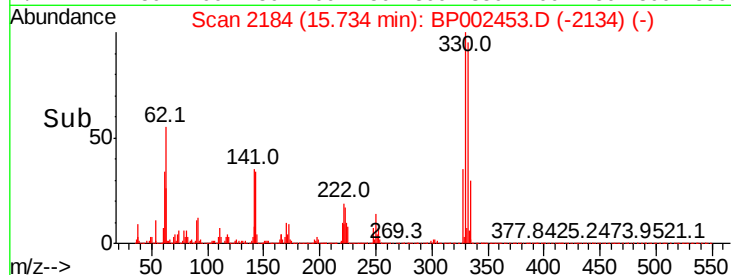
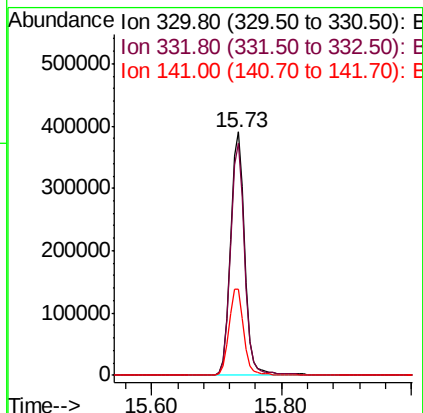
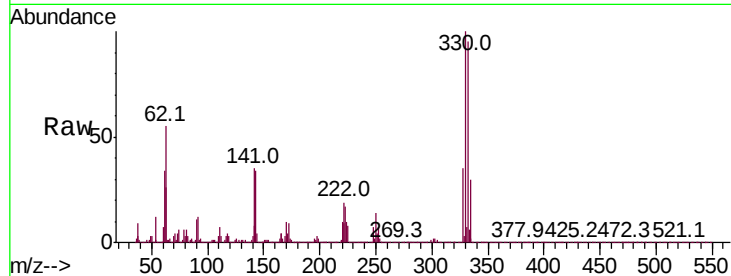




#42
2,4,6-Tribromophenol
Concen: 161.792 ng
RT: 15.73 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BP002453.D
Acq: 18 Jun 2020 21:49

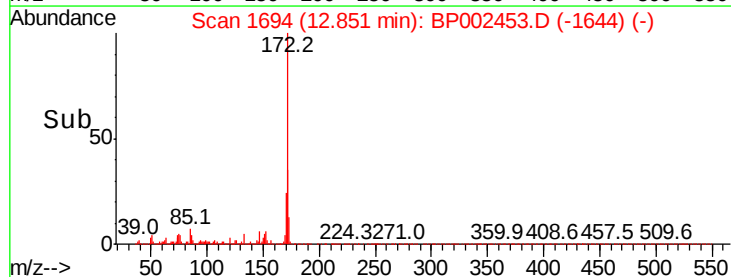
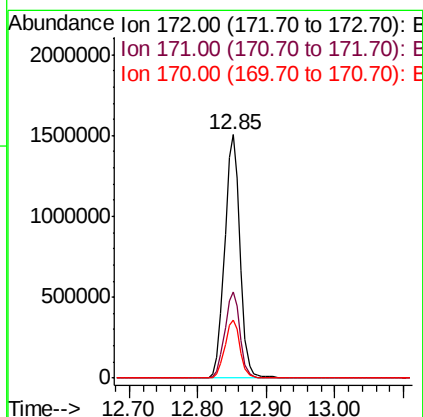
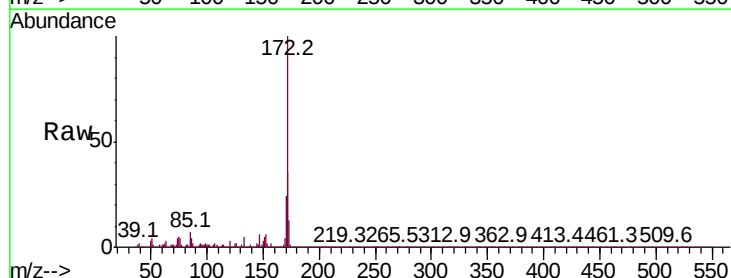
Instrument :
BNA_P
ClientSampled :
RO-25

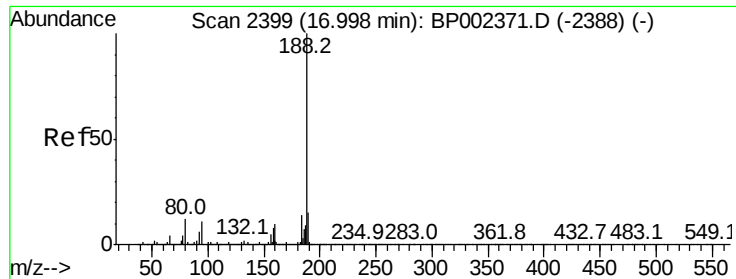
Tot Ion:330 Resp: 589548
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 37.2 30.3 45.5



#45
2-Fluorobiphenyl
Concen: 104.074 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002453.D
Acq: 18 Jun 2020 21:49

Tgt Ion:172 Resp: 2355713
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 24.1 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BP002453.D

Acq: 18 Jun 2020 21:49

Instrument :

BNA_P

ClientSampleId :

RO-25

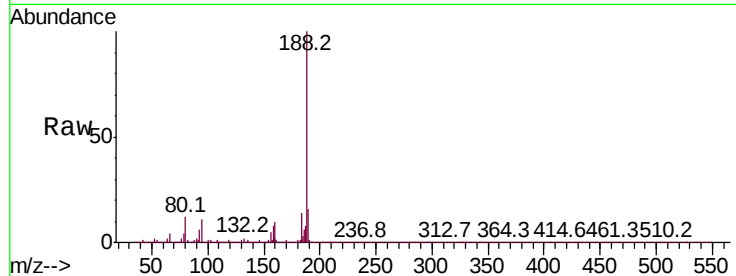
Tot Ion:188 Resp: 816902

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

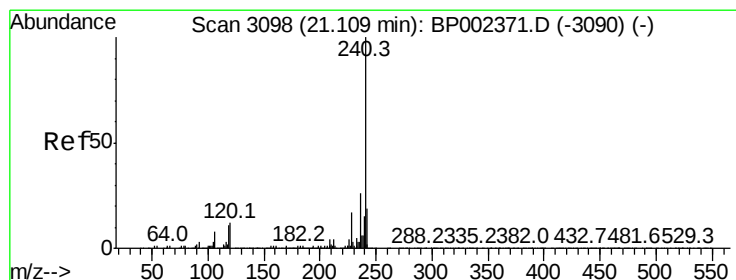
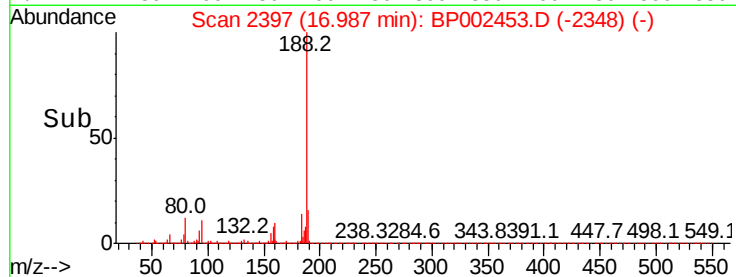
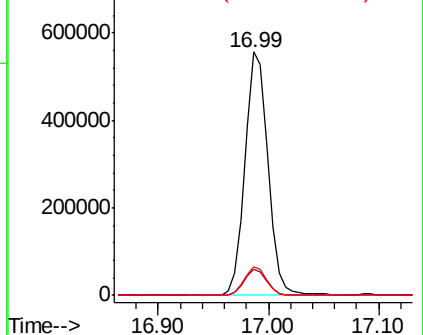
80 11.7 9.4 14.0



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: 21.09 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BP002453.D

Acq: 18 Jun 2020 21:49

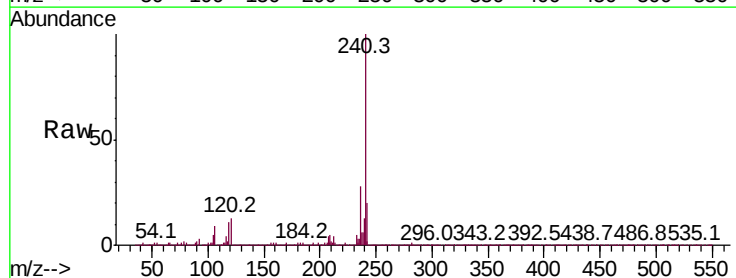
Tgt Ion:240 Resp: 816358

Ion Ratio Lower Upper

240 100

120 12.9 9.3 13.9

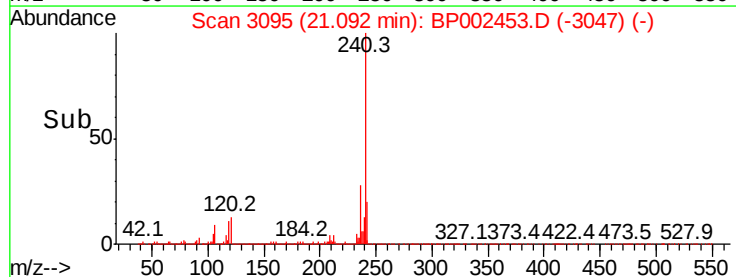
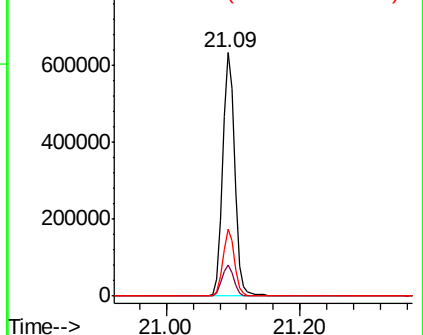
236 27.5 21.0 31.6

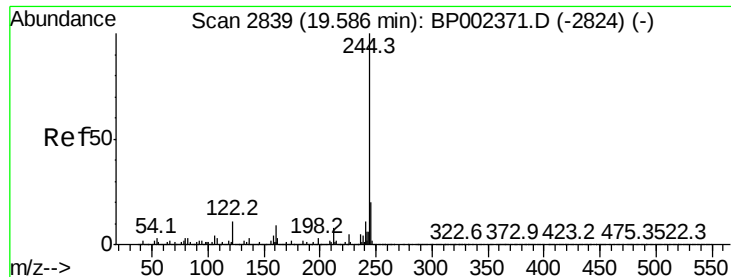


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 118.808 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002453.D

Acq: 18 Jun 2020 21:49

Instrument :

BNA_P

ClientSampleId :

RO-25

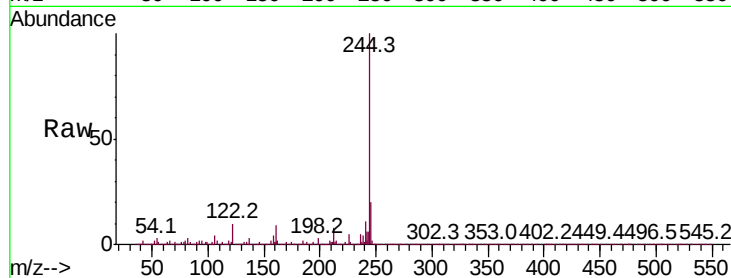
Tot Ion:244 Resp: 3422712

Ion Ratio Lower Upper

244 100

212 8.0 6.6 10.0

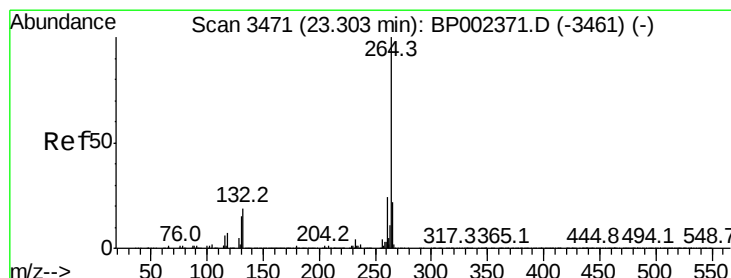
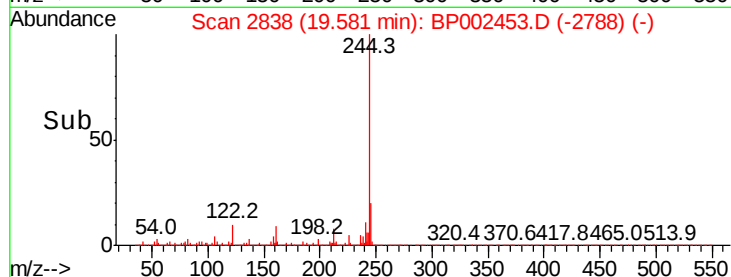
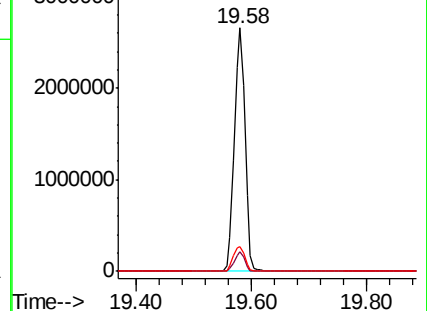
122 10.4 8.8 13.2



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: BP002453.D

Acq: 18 Jun 2020 21:49

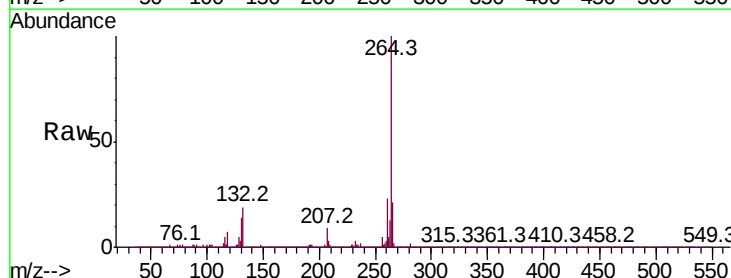
Tgt Ion:264 Resp: 849171

Ion Ratio Lower Upper

264 100

260 23.4 19.4 29.0

265 20.6 17.4 26.2



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

