

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002450.D
 Acq On : 18 Jun 2020 20:07
 Operator : CG/JU
 Sample : L2817-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SU-04-061720

Quant Time: Jun 19 02:36:46 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	141839	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	581794	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	357642	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	786126	20.00	ng	0.00
76) Chrysene-d12	21.09	240	772339	20.00	ng	-0.02
86) Perylene-d12	23.29	264	806195	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	991831	129.39	ng	0.00
7) Phenol-d6	6.78	99	1191017	116.70	ng	0.00
23) Nitrobenzene-d5	8.73	82	1073487	110.19	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	551263	160.99	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2222584	104.49	ng	0.00
79) Terphenyl-d14	19.58	244	3359940	124.83	ng	0.00

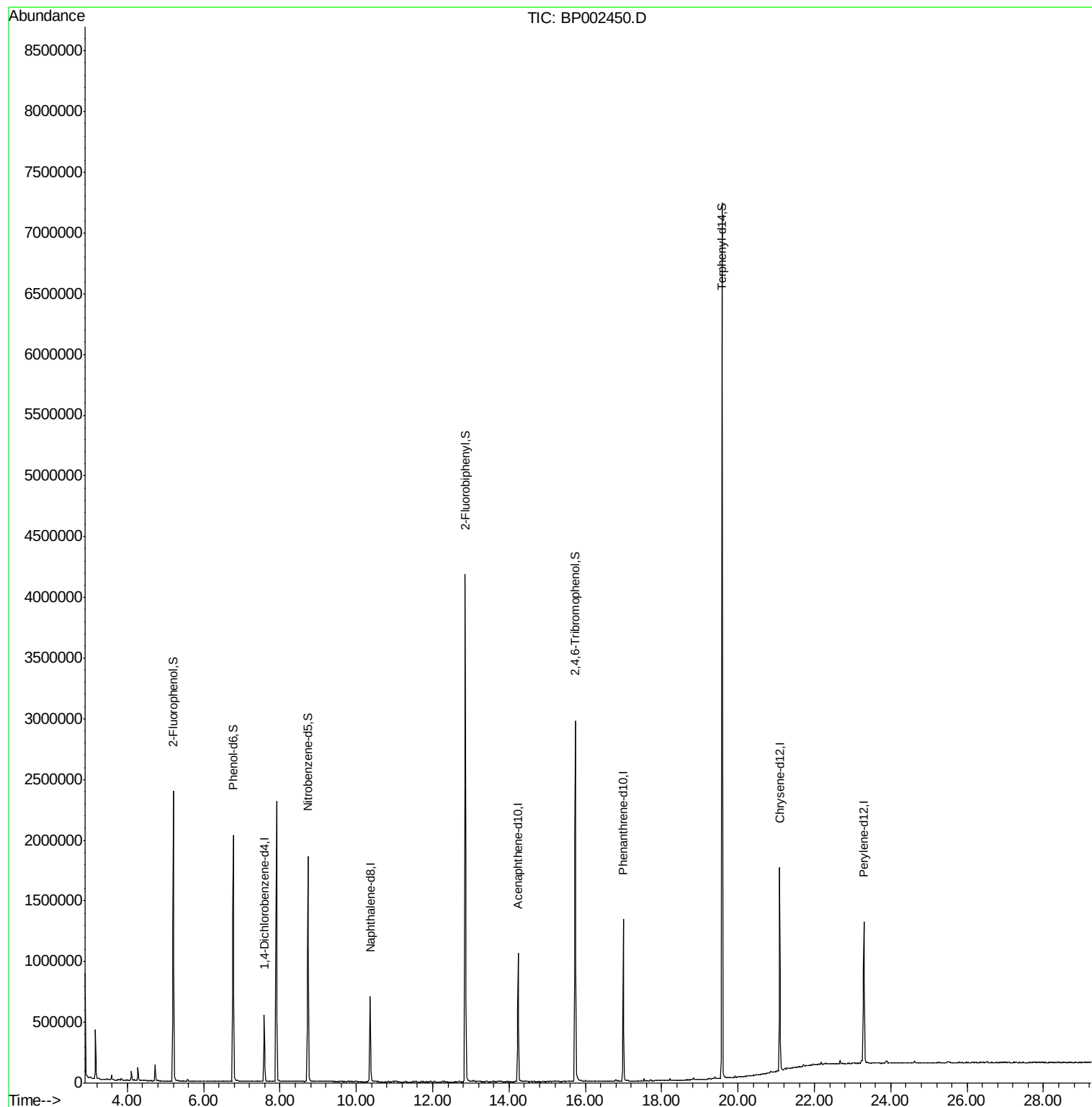
Target Compounds Qvalue

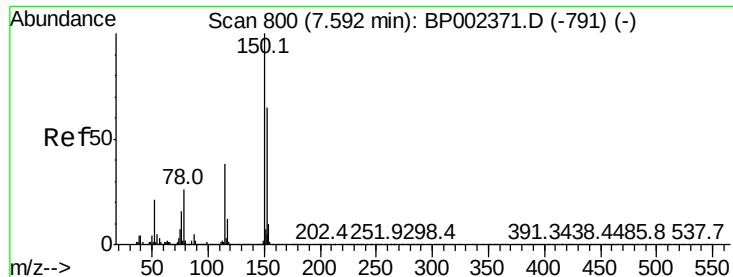
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002450.D

Acq: 18 Jun 2020 20:07

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BNA_P

ClientSampleId :

SU-04-061720

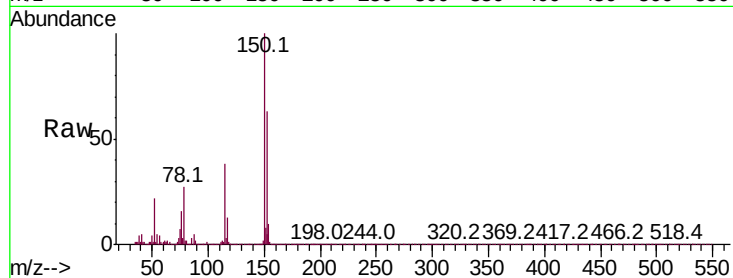
Tot Ion:152 Resp: 141839

Ion Ratio Lower Upper

152 100

150 158.4 124.0 186.0

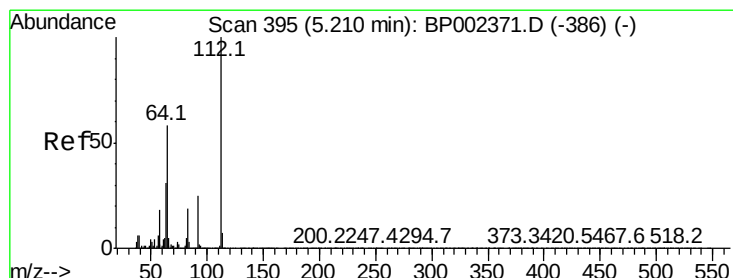
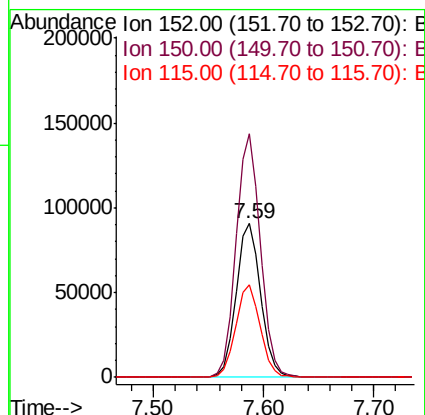
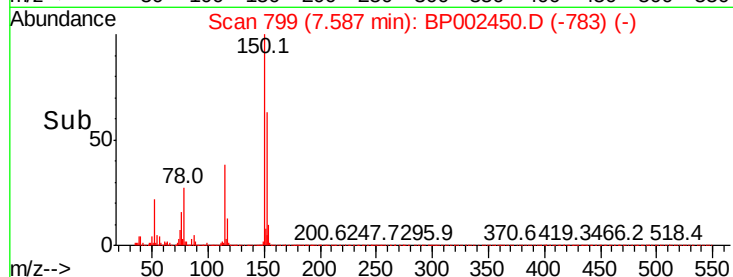
115 59.9 47.4 71.0



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: 129.393 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002450.D

Acq: 18 Jun 2020 20:07

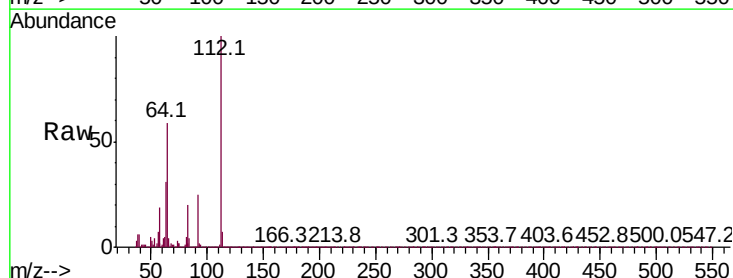
Tgt Ion:112 Resp: 991831

Ion Ratio Lower Upper

112 100

64 59.5 46.2 69.2

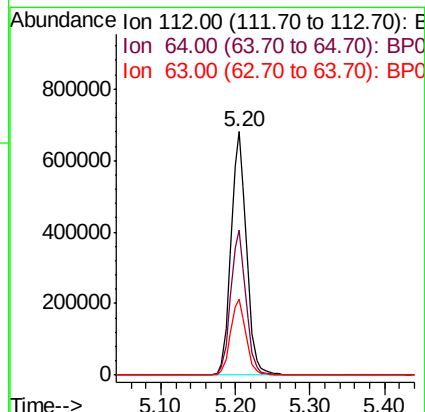
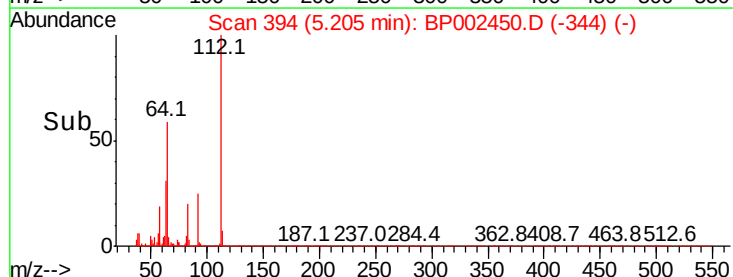
63 31.1 24.5 36.7

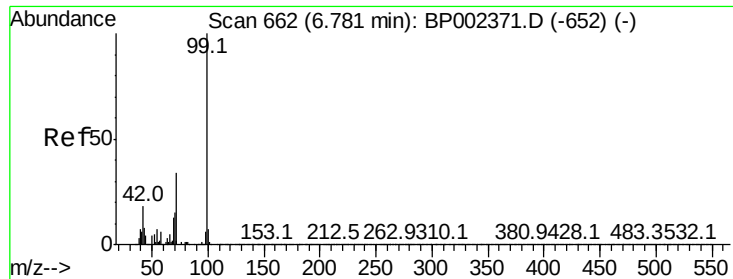


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 116.704 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002450.D

Acq: 18 Jun 2020 20:07

Instrument :

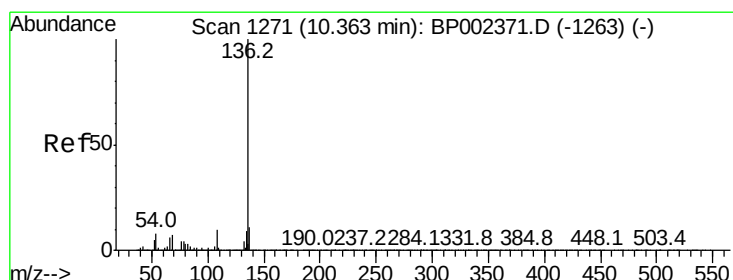
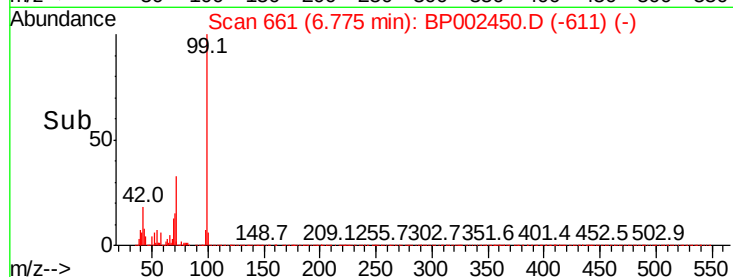
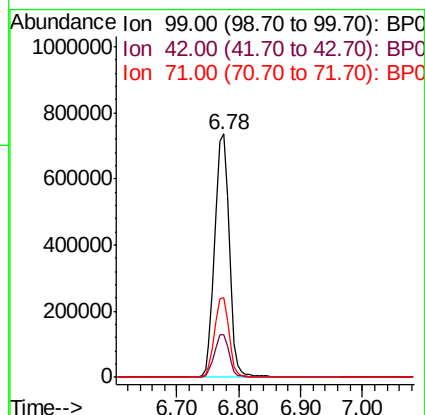
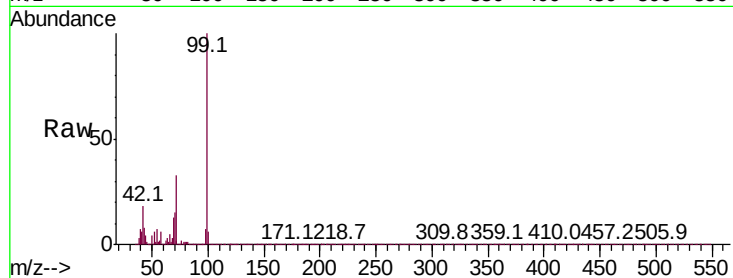
BNA_P

ClientSampleId :

SU-04-061720

Tot Ion: 99 Resp: 1191017

Ion	Ratio	Lower	Upper
99	100		
42	17.7	14.6	22.0
71	33.0	27.2	40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

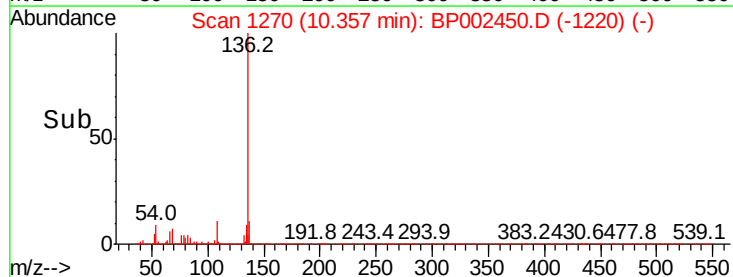
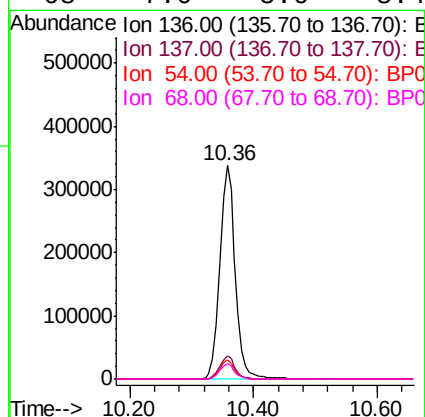
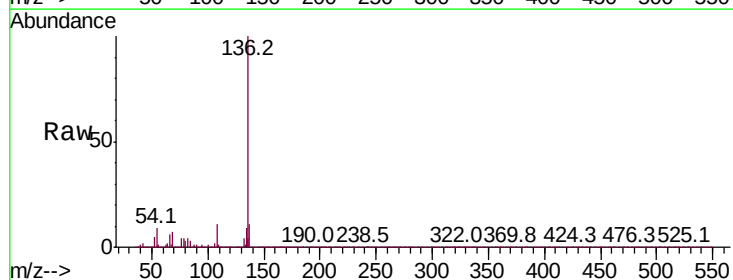
Delta R.T. -0.01 min

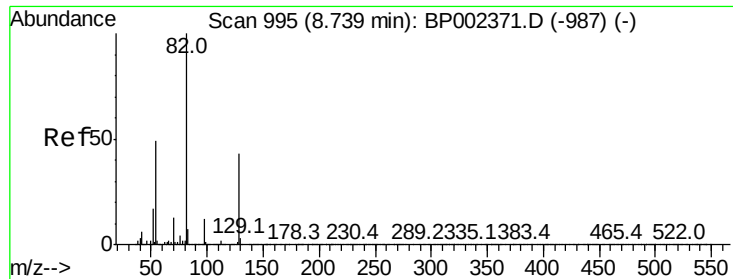
Lab File: BP002450.D

Acq: 18 Jun 2020 20:07

Tgt Ion: 136 Resp: 581794

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.8	13.2
54	8.7	6.4	9.6
68	7.0	5.6	8.4

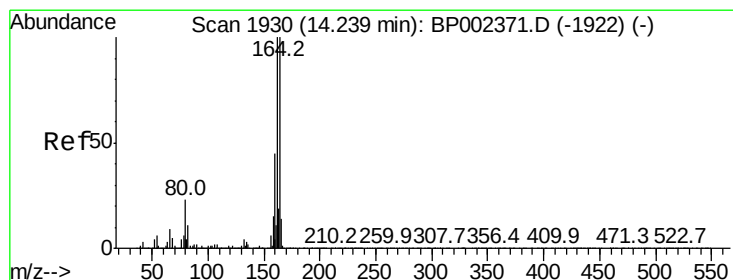
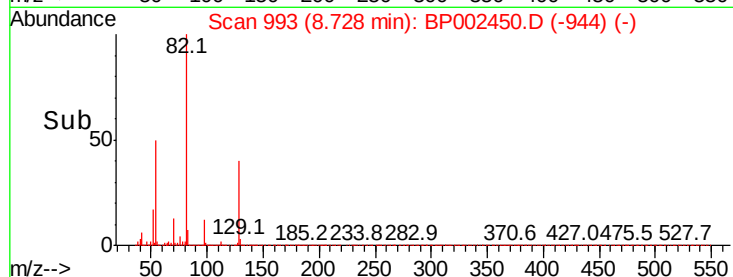
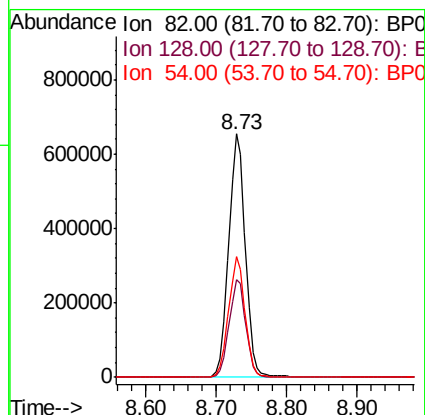
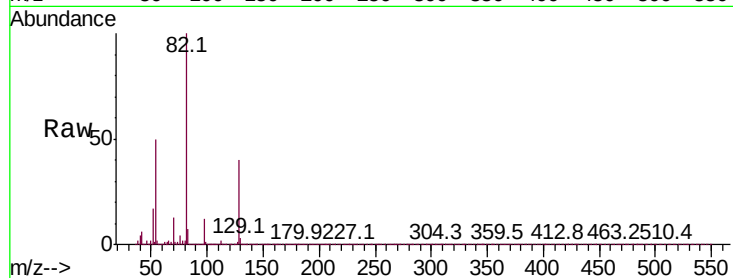




#23
Nitrobenzene-d5
Concen: 110.189 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002450.D
Acq: 18 Jun 2020 20:07

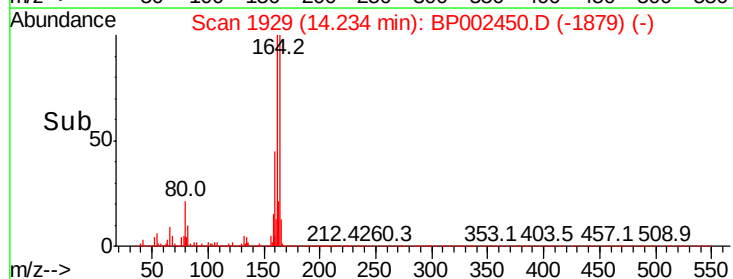
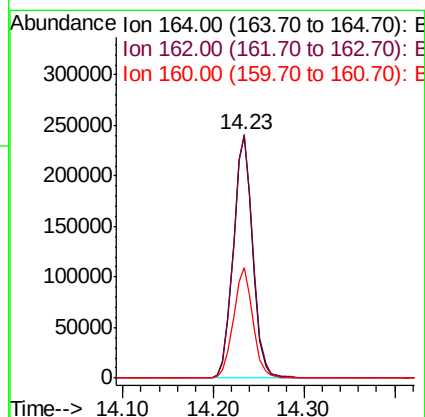
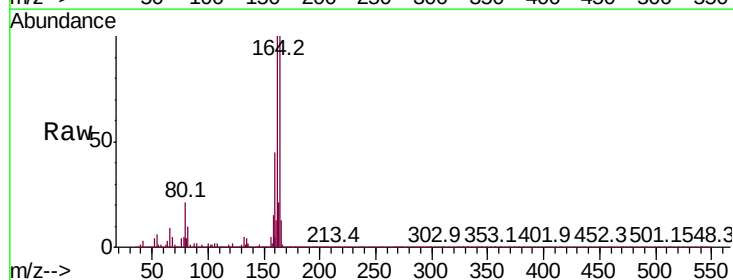
Instrument :
BNA_P
ClientSampleId :
SU-04-061720

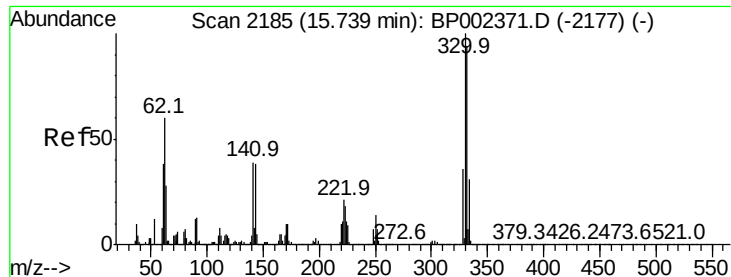
Tot Ion: 82 Resp: 1073487
Ion Ratio Lower Upper
82 100
128 40.1 34.5 51.7
54 49.7 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002450.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 164 Resp: 357642
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 45.4 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 160.992 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002450.D

Acq: 18 Jun 2020 20:07

Instrument :

BNA_P

ClientSampleId :

SU-04-061720

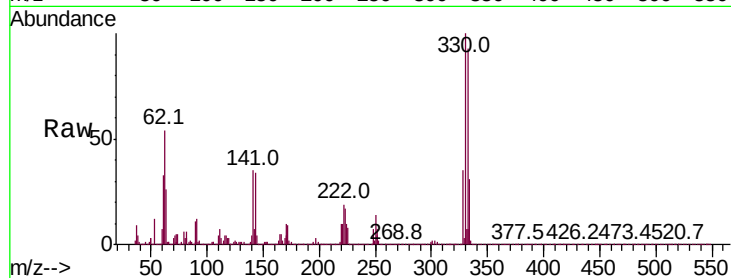
Tot Ion:330 Resp: 551263

Ion Ratio Lower Upper

330 100

332 95.2 76.6 115.0

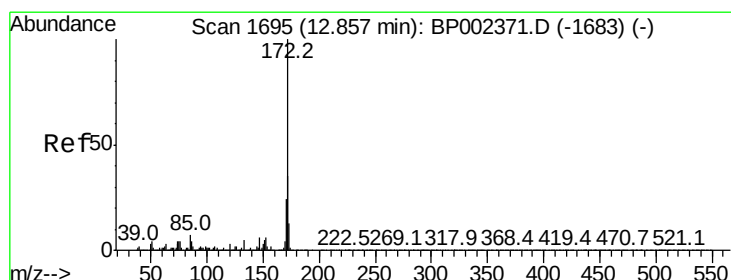
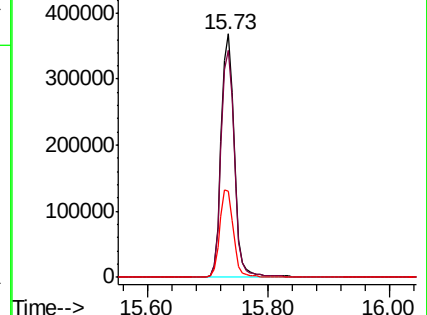
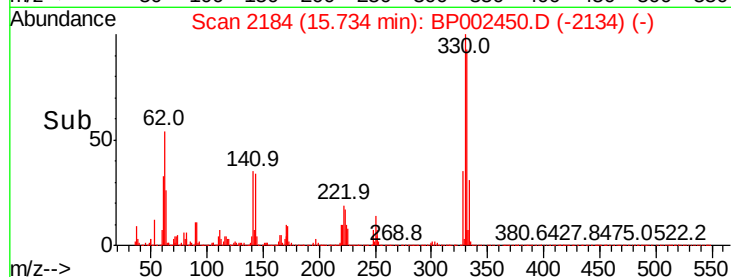
141 37.3 30.3 45.5



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: 104.493 ng

RT: 12.85 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BP002450.D

Acq: 18 Jun 2020 20:07

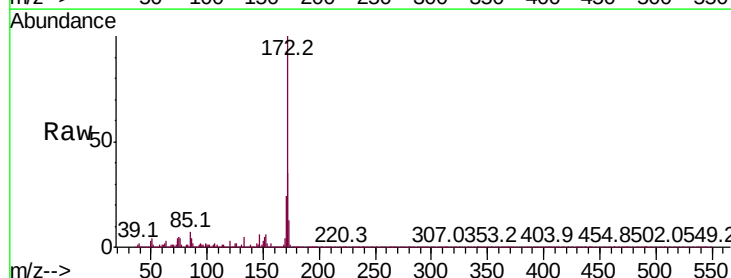
Tgt Ion:172 Resp: 2222584

Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

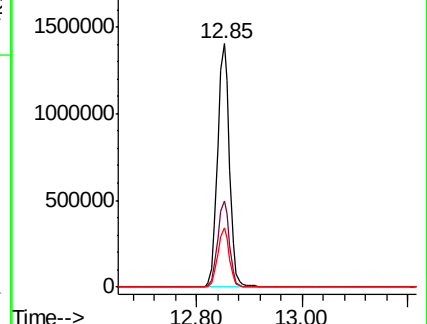
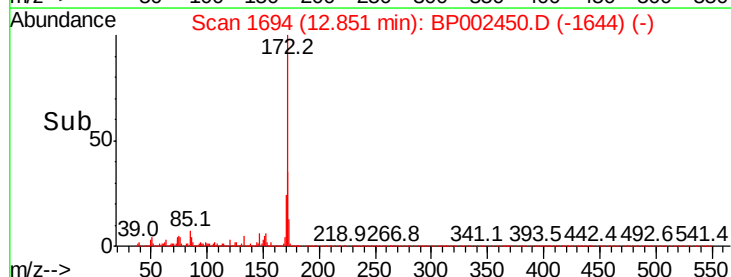
170 24.4 19.0 28.6

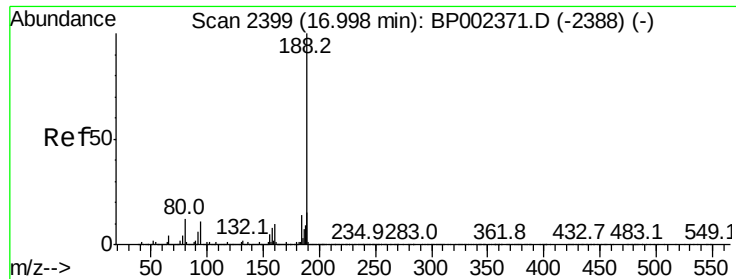


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002450.D

Acq: 18 Jun 2020 20:07

Instrument :

BNA_P

ClientSampleId :

SU-04-061720

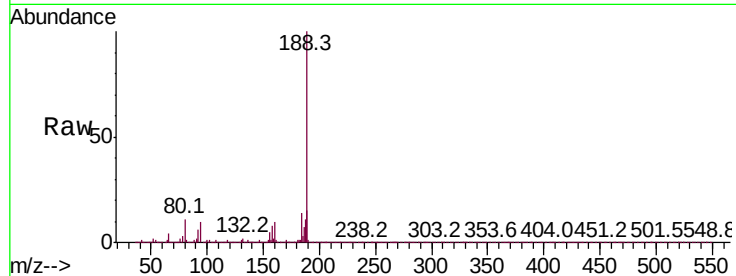
Tot Ion:188 Resp: 786126

Ion Ratio Lower Upper

188 100

94 10.1 8.5 12.7

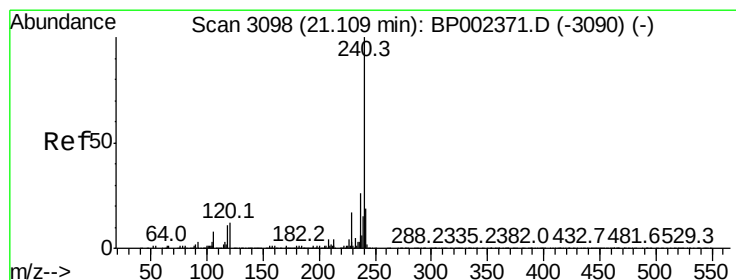
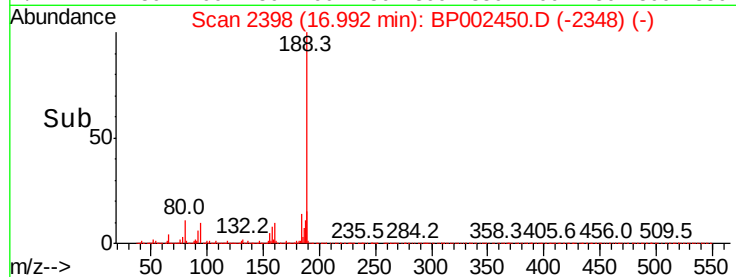
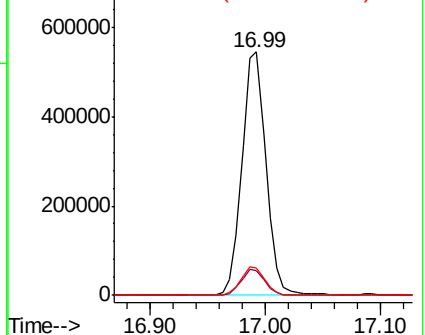
80 11.1 9.4 14.0



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: BP002450.D

Acq: 18 Jun 2020 20:07

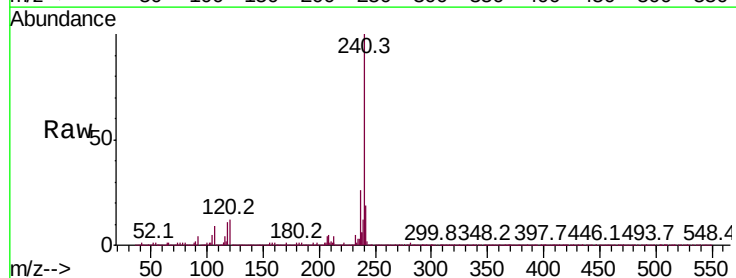
Tgt Ion:240 Resp: 772339

Ion Ratio Lower Upper

240 100

120 12.3 9.3 13.9

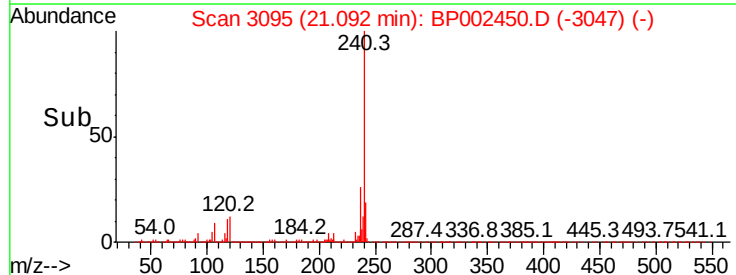
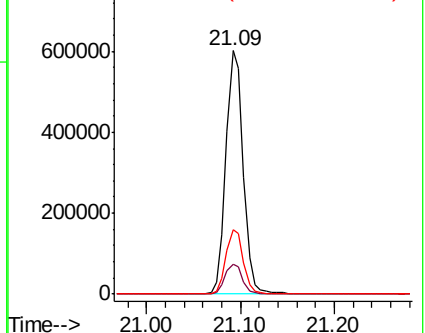
236 26.4 21.0 31.6

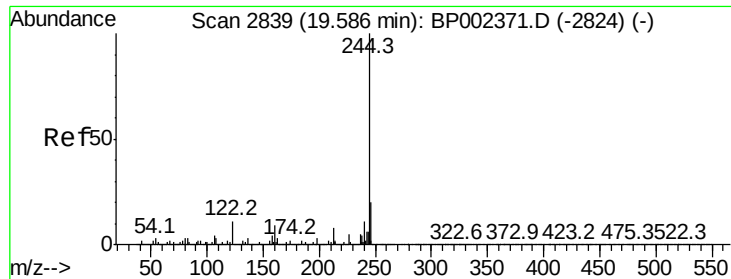


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

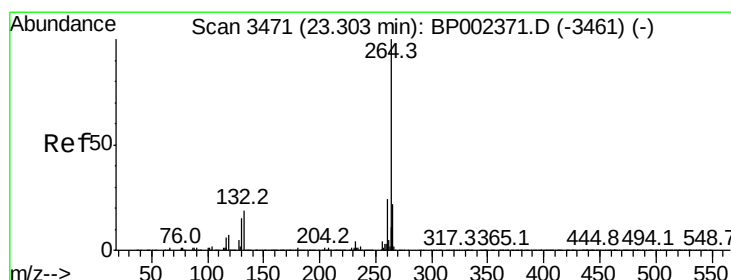
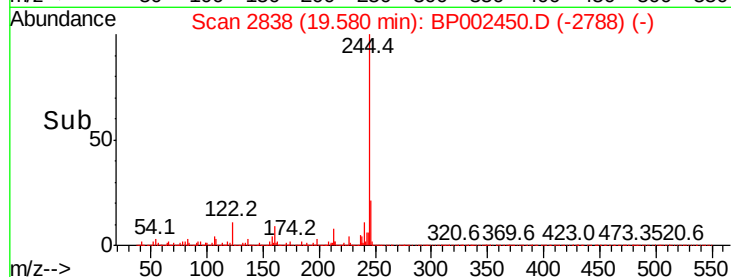
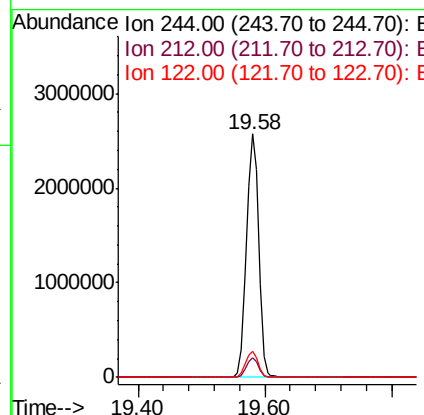
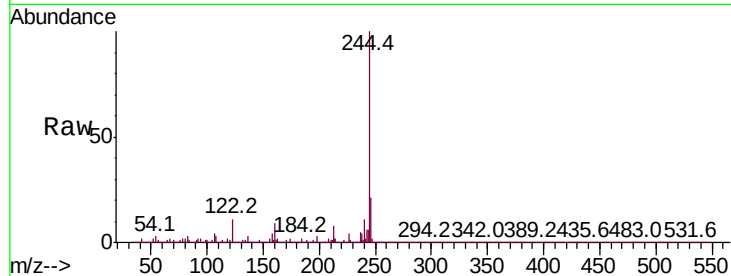




#79
 Terphenyl-d14
 Concen: 124.826 ng
 RT: 19.58 min Scan# 2838
 Delta R.T. -0.00 min
 Lab File: BP002450.D
 Acq: 18 Jun 2020 20:07

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Tot Ion:244 Resp: 3359940
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 10.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.29 min Scan# 3469
 Delta R.T. -0.01 min
 Lab File: BP002450.D
 Acq: 18 Jun 2020 20:07

Tgt Ion:264 Resp: 806195
 Ion Ratio Lower Upper
 264 100
 260 25.6 19.4 29.0
 265 22.5 17.4 26.2

