

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002451.D
 Acq On : 18 Jun 2020 20:41
 Operator : CG/JU
 Sample : L2818-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-061720

Quant Time: Jun 19 02:38:50 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	155165	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	638948	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	385929	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	847020	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	828143	20.00	ng	-0.02
86) Perylene-d12	23.29	264	860437	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1107039	132.02	ng	0.00
7) Phenol-d6	6.78	99	1323539	118.55	ng	0.00
23) Nitrobenzene-d5	8.73	82	1165505	108.93	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	593145	160.53	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2398157	104.48	ng	0.00
79) Terphenyl-d14	19.58	244	3518462	120.94	ng	0.00

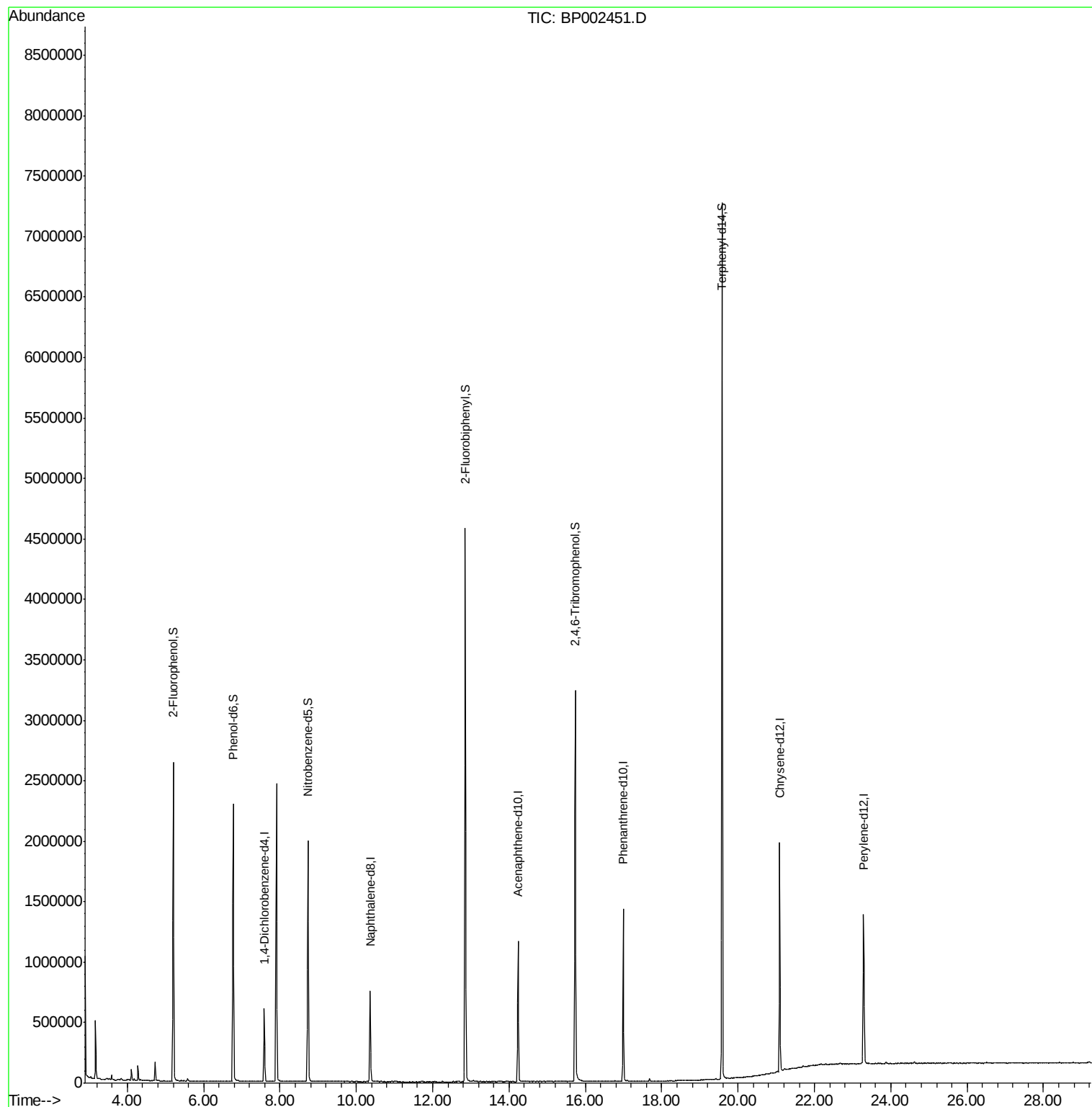
Target Compounds Qvalue

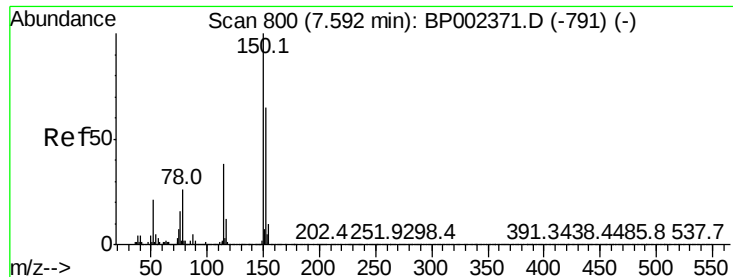
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP002451.D

Acq: 18 Jun 2020 20:41

Instrument :

BNA_P

ClientSampleId :

TR-05-061720

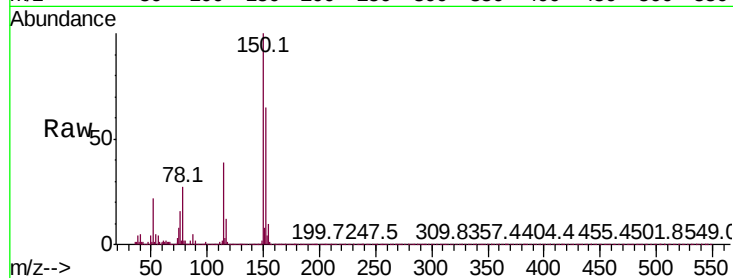
Tot Ion:152 Resp: 155165

Ion Ratio Lower Upper

152 100

150 153.8 124.0 186.0

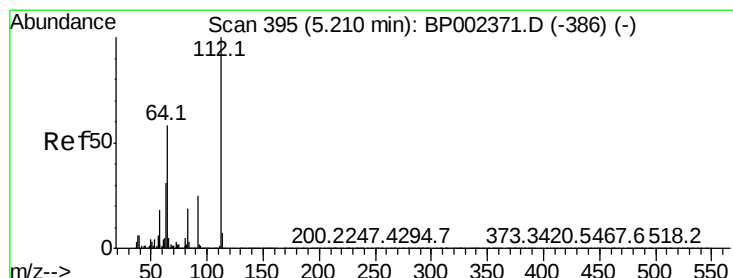
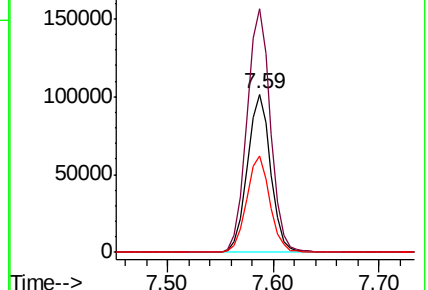
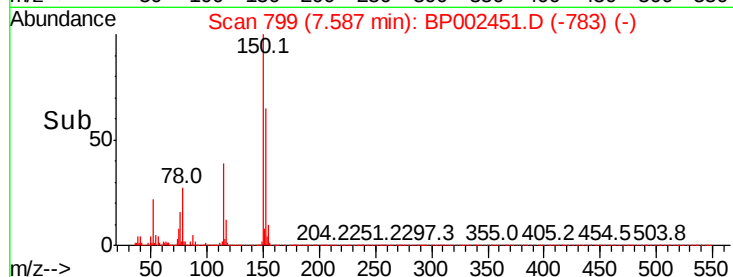
115 60.7 47.4 71.0



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: 132.019 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002451.D

Acq: 18 Jun 2020 20:41

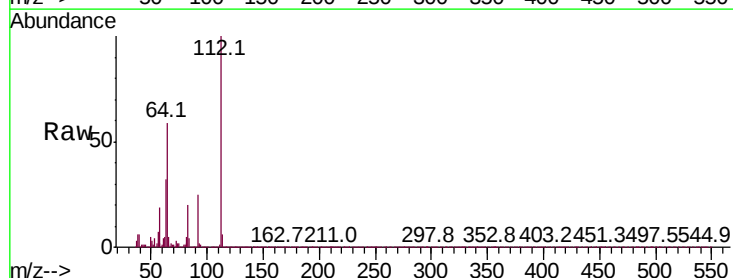
Tgt Ion:112 Resp: 1107039

Ion Ratio Lower Upper

112 100

64 58.6 46.2 69.2

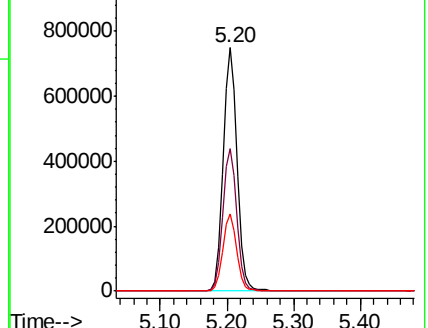
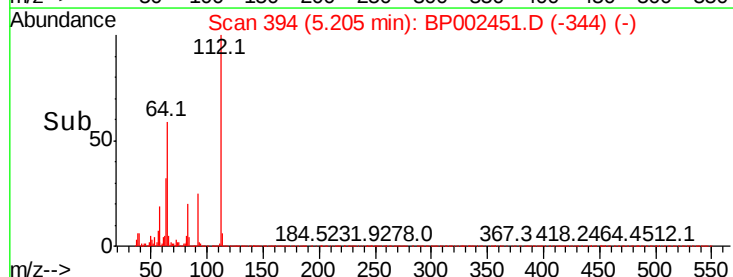
63 31.5 24.5 36.7

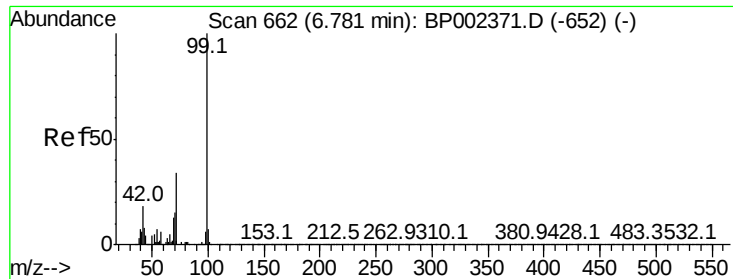


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 118.551 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002451.D

Acq: 18 Jun 2020 20:41

Instrument :

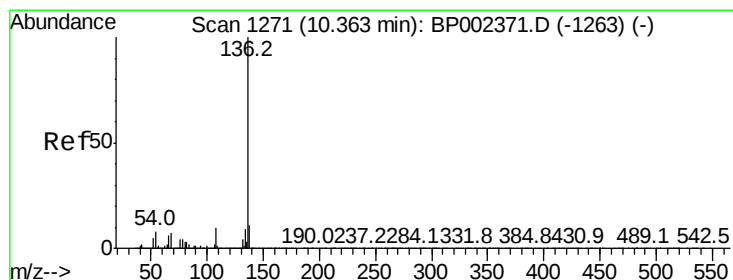
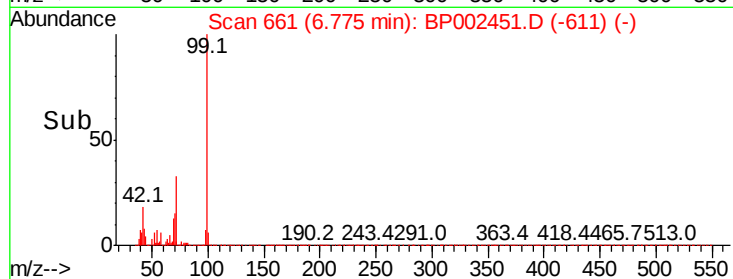
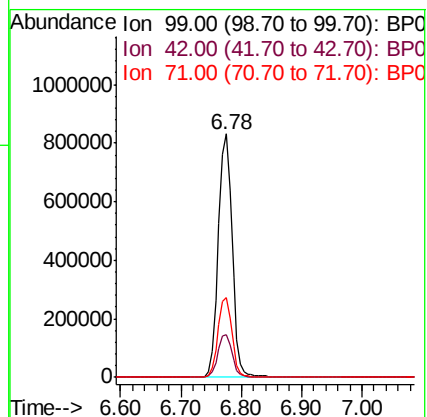
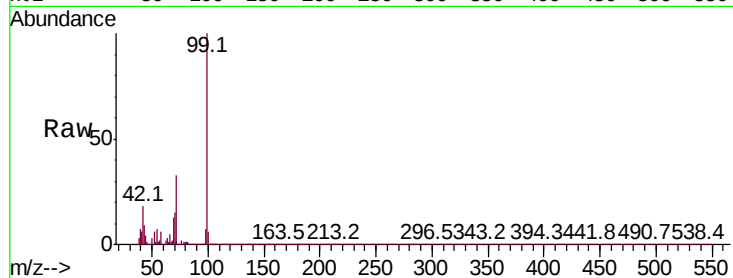
BNA_P

ClientSampleId :

TR-05-061720

Tot Ion: 99 Resp: 1323539

Ion	Ratio	Lower	Upper
99	100		
42	17.8	14.6	22.0
71	32.9	27.2	40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

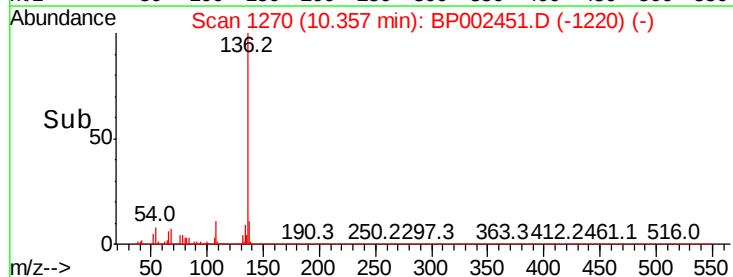
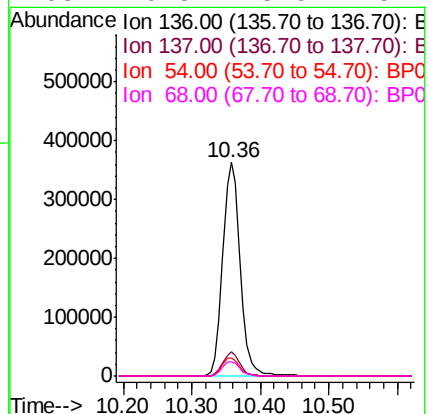
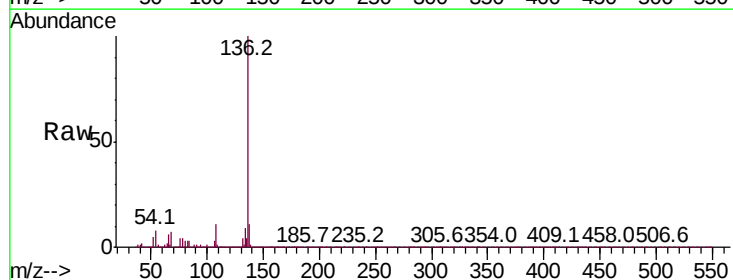
Delta R.T. -0.01 min

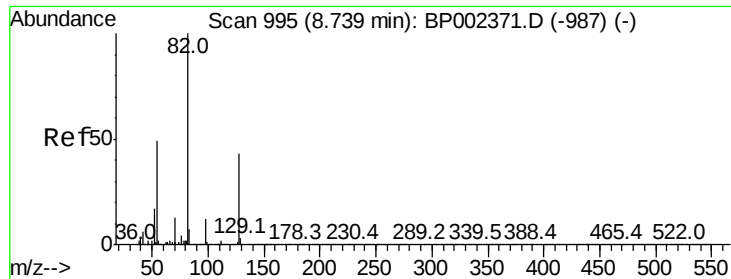
Lab File: BP002451.D

Acq: 18 Jun 2020 20:41

Tgt Ion: 136 Resp: 638948

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.4	6.4	9.6
68	6.8	5.6	8.4



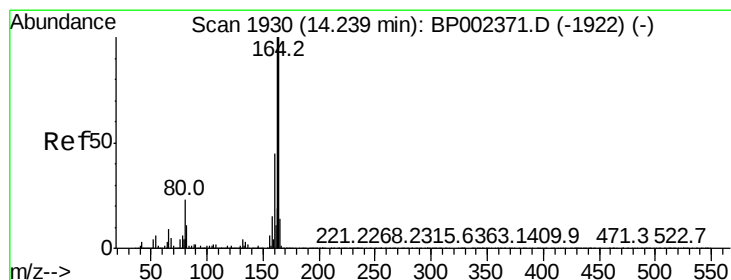
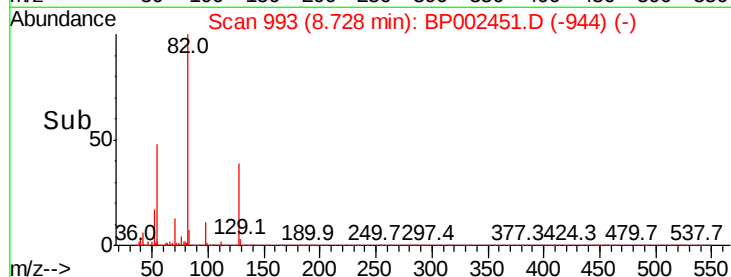
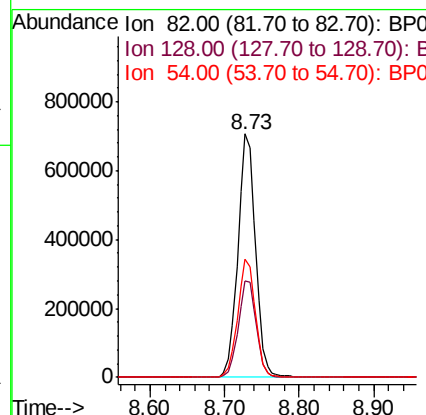
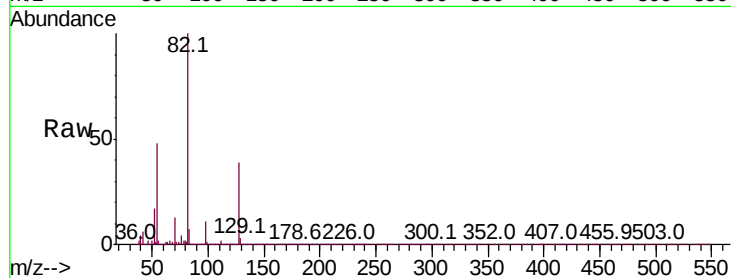


#23
 Nitrobenzene-d5
 Concen: 108.933 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002451.D
 Acq: 18 Jun 2020 20:41

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-061720

Tot Ion: 82 Resp: 1165505

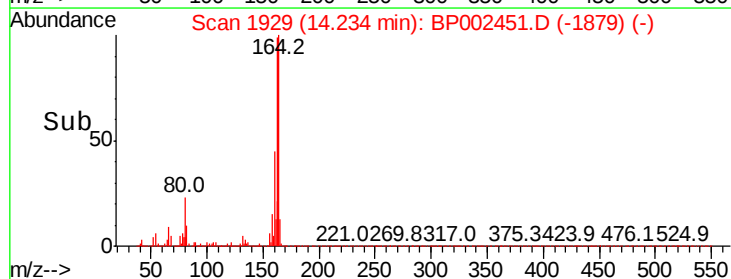
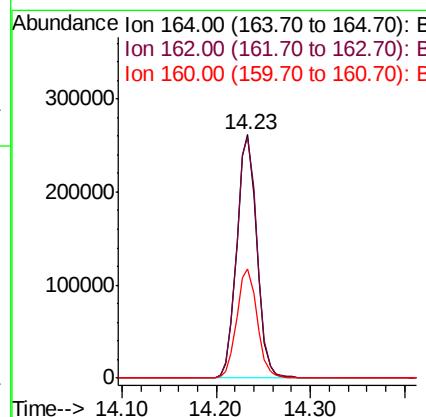
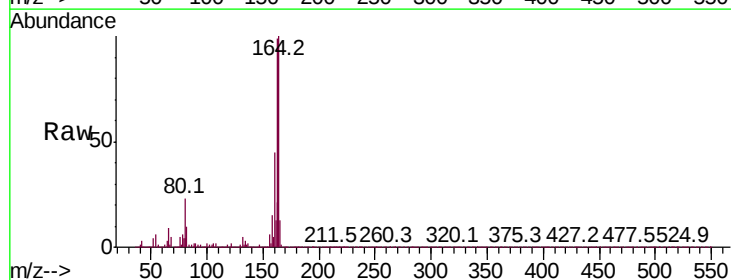
Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.5	51.7
54	48.4	39.4	59.2

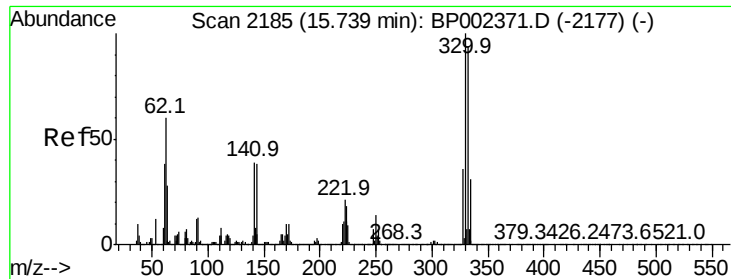


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002451.D
 Acq: 18 Jun 2020 20:41

Tgt Ion: 164 Resp: 385929

Ion	Ratio	Lower	Upper
164	100		
162	99.3	79.8	119.8
160	45.0	36.2	54.2

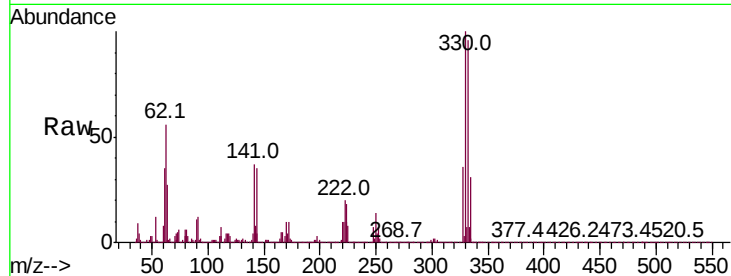




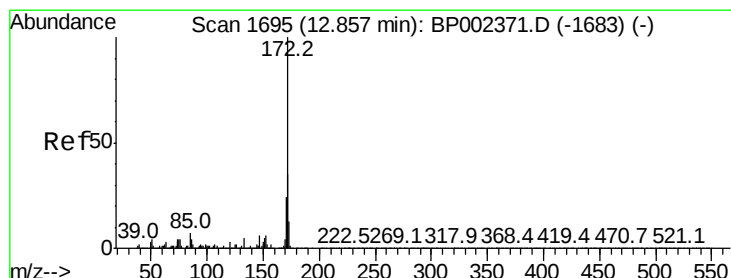
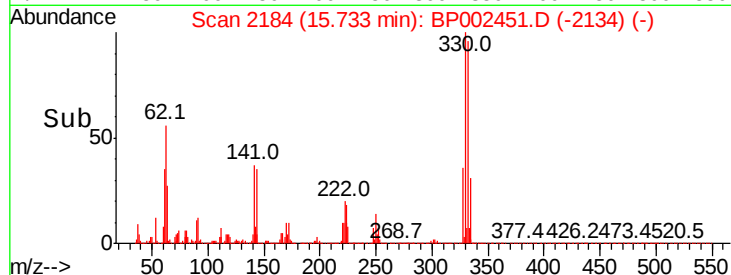
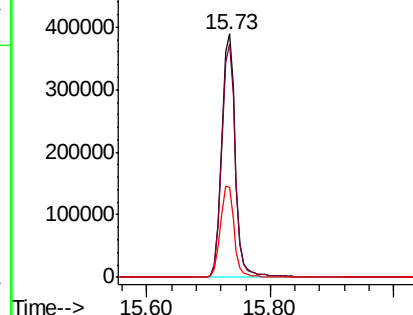
#42
 2,4,6-Tribromophenol
 Concen: 160.527 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002451.D
 Acq: 18 Jun 2020 20:41

Instrument :
 BNA_P
 ClientSampleId :
 TR-05-061720

Tot Ion:330 Resp: 593145
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 37.8 30.3 45.5

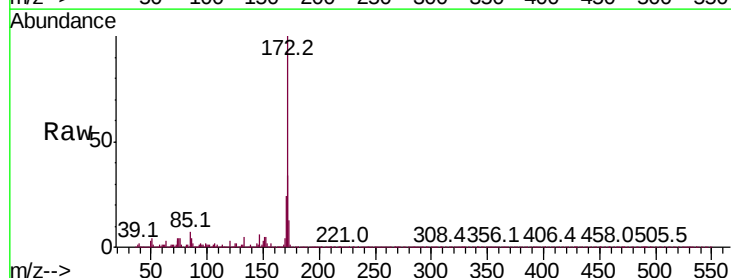


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

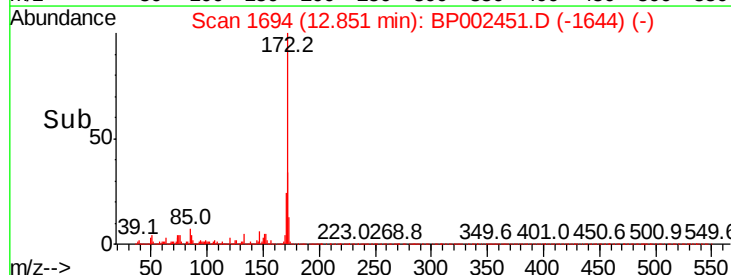
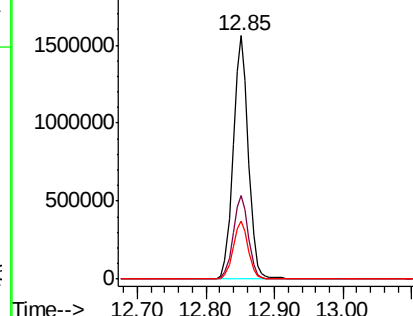


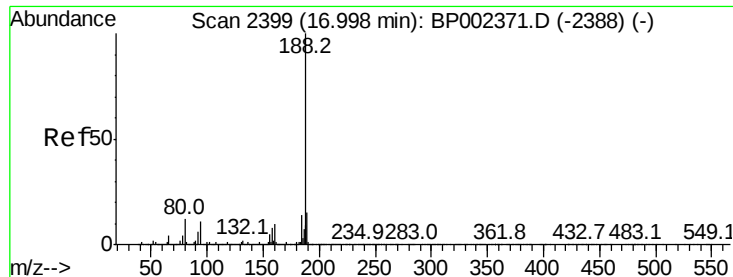
#45
 2-Fluorobiphenyl
 Concen: 104.483 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002451.D
 Acq: 18 Jun 2020 20:41

Tgt Ion:172 Resp: 2398157
 Ion Ratio Lower Upper
 172 100
 171 34.3 27.8 41.8
 170 23.6 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

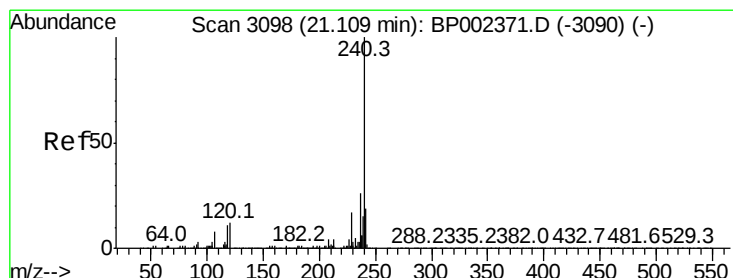
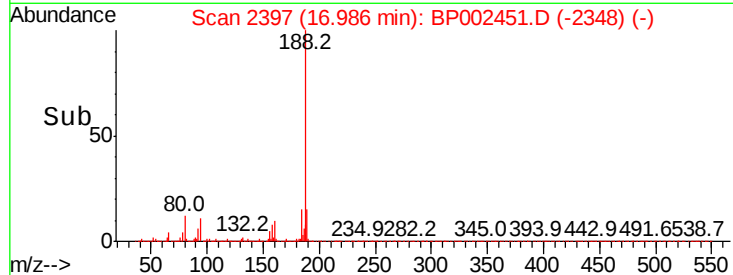
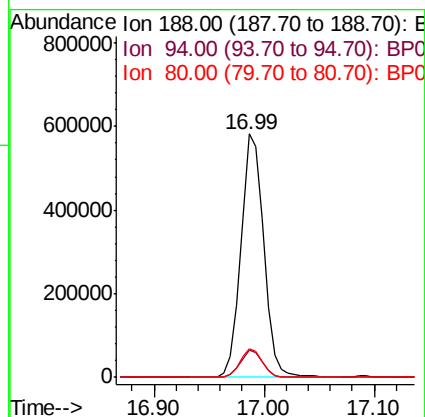
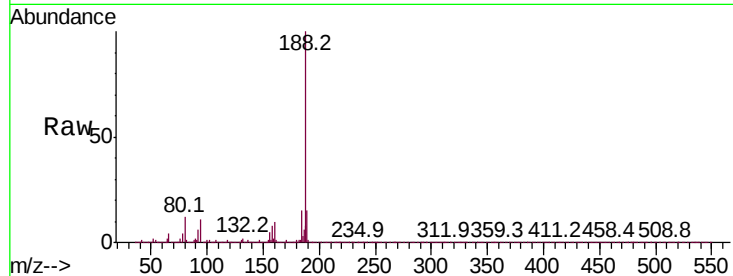




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2397
Delta R.T. -0.01 min
Lab File: BP002451.D
Acq: 18 Jun 2020 20:41

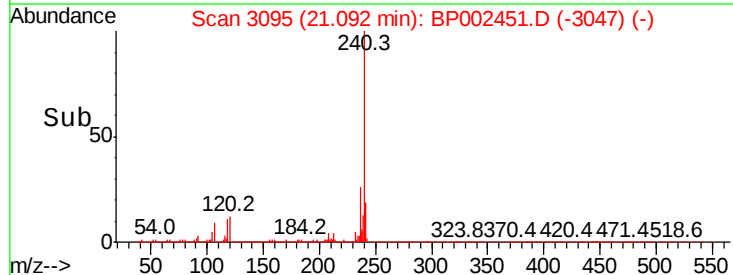
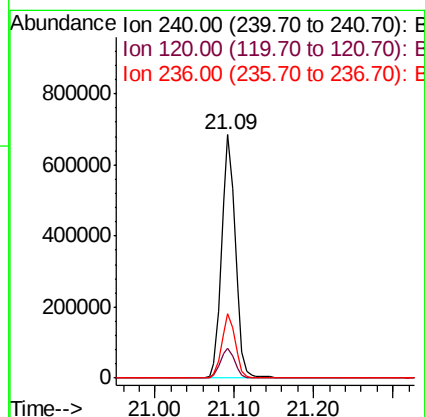
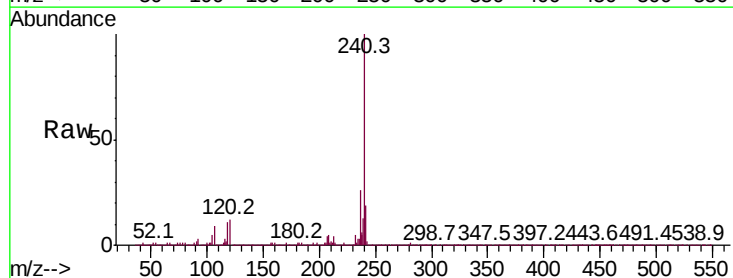
Instrument :
BNA_P
ClientSampleId :
TR-05-061720

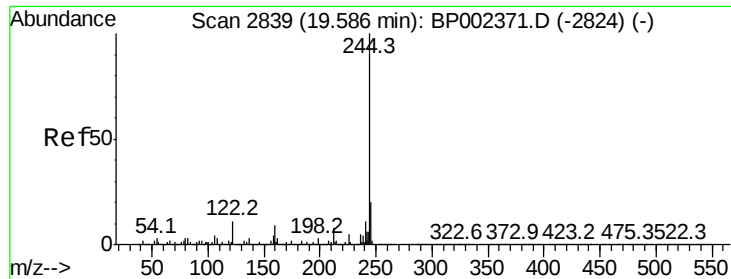
Tot Ion:188 Resp: 847020
Ion Ratio Lower Upper
188 100
94 11.1 8.5 12.7
80 11.6 9.4 14.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002451.D
Acq: 18 Jun 2020 20:41

Tgt Ion:240 Resp: 828143
Ion Ratio Lower Upper
240 100
120 12.2 9.3 13.9
236 26.5 21.0 31.6





#79

Terphenyl-d14

Concen: 120.943 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002451.D

Acq: 18 Jun 2020 20:41

Instrument :

BNA_P

ClientSampleId :

TR-05-061720

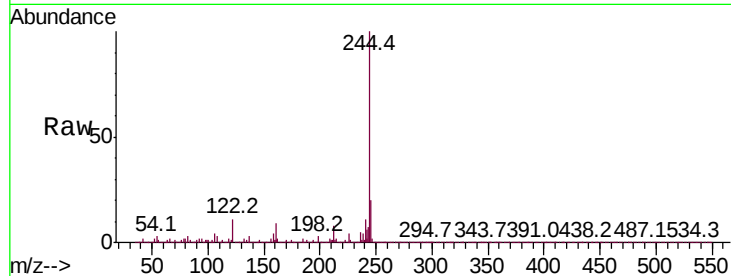
Tot Ion:244 Resp: 3518462

Ion Ratio Lower Upper

244 100

212 8.1 6.6 10.0

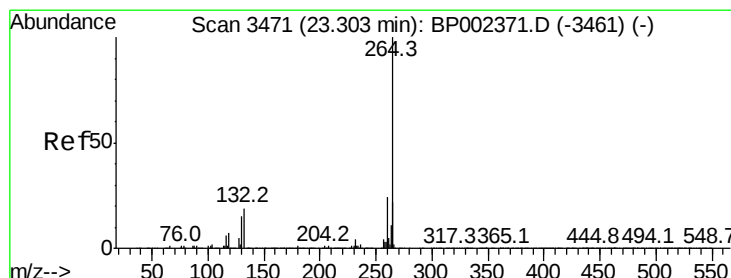
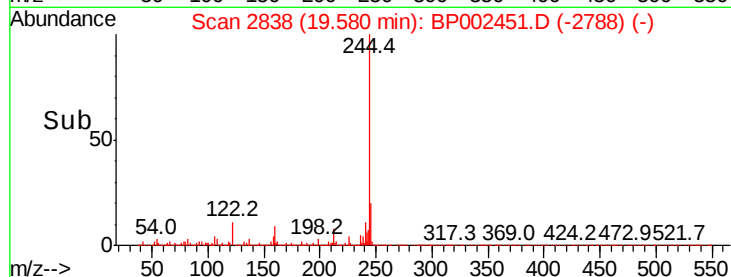
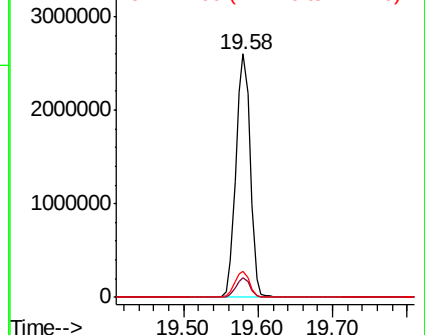
122 10.5 8.8 13.2



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# 3468

Delta R.T. -0.02 min

Lab File: BP002451.D

Acq: 18 Jun 2020 20:41

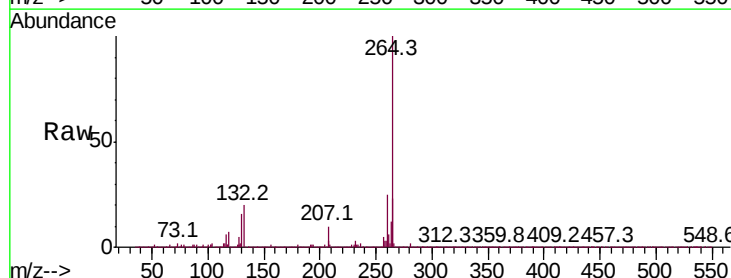
Tgt Ion:264 Resp: 860437

Ion Ratio Lower Upper

264 100

260 25.2 19.4 29.0

265 23.1 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

