

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
 Data File : BP002641.D
 Acq On : 06 Jul 2020 10:45
 Operator : CG/JU
 Sample : PB129875TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129875TB

Quant Time: Jul 06 11:34:43 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	201005	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	739984	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	399482	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	781420	20.00	ng	0.00
76) Chrysene-d12	21.09	240	818378	20.00	ng	0.00
86) Perylene-d12	23.28	264	901008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1388491	116.96	ng	0.00
7) Phenol-d6	6.76	99	1794444	108.29	ng	0.00
23) Nitrobenzene-d5	8.72	82	1179103	82.10	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	500513	103.01	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2170430	79.97	ng	0.00
79) Terphenyl-d14	19.57	244	2939984	77.54	ng	0.00

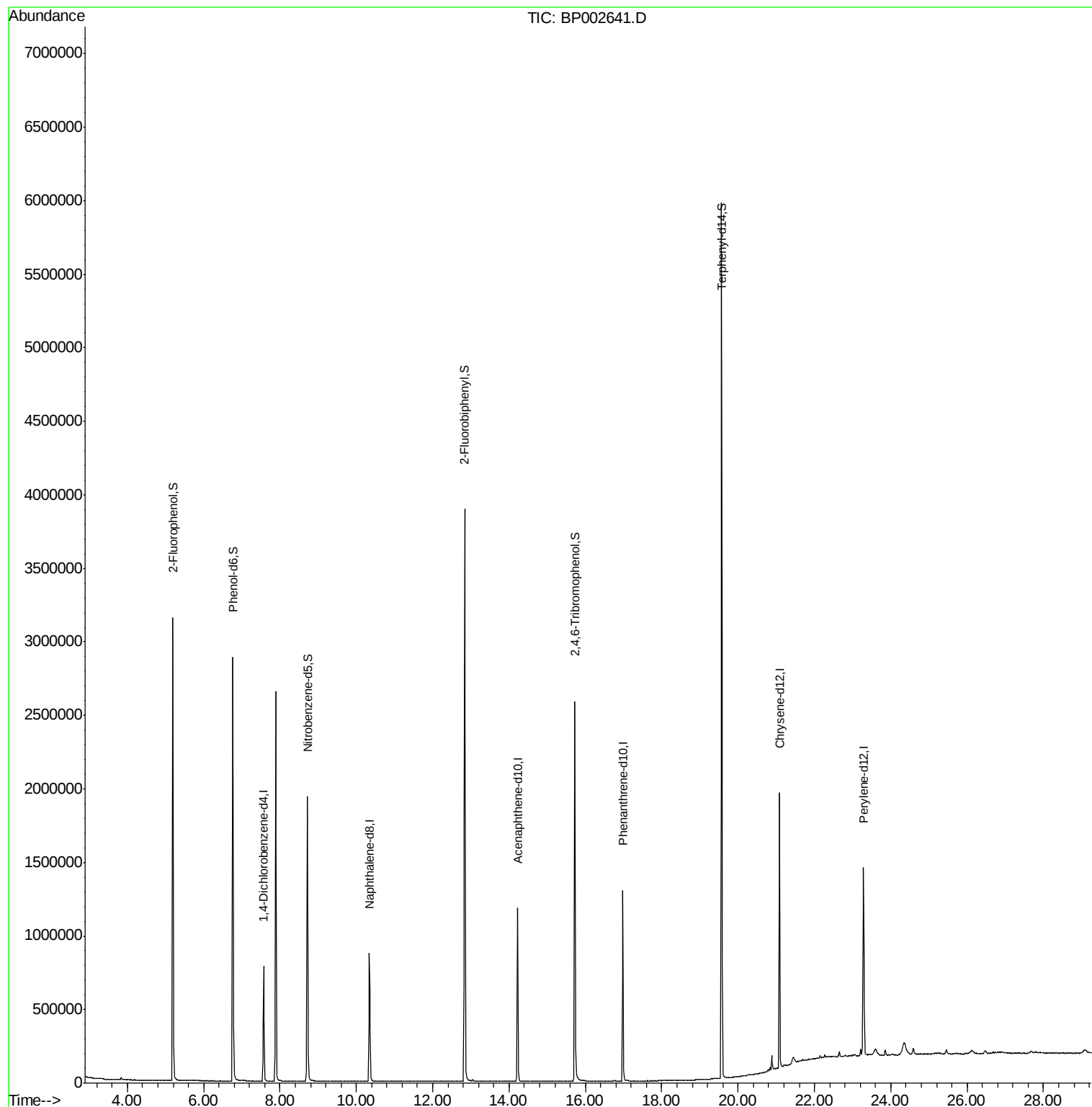
Target Compounds Qvalue

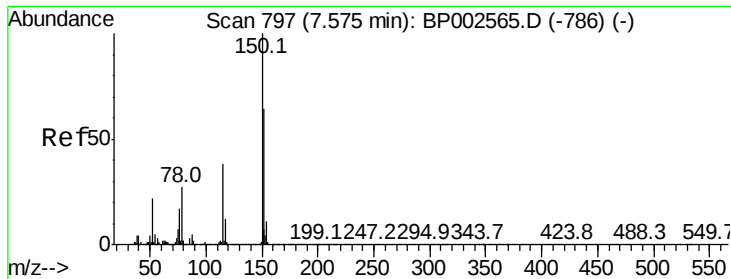
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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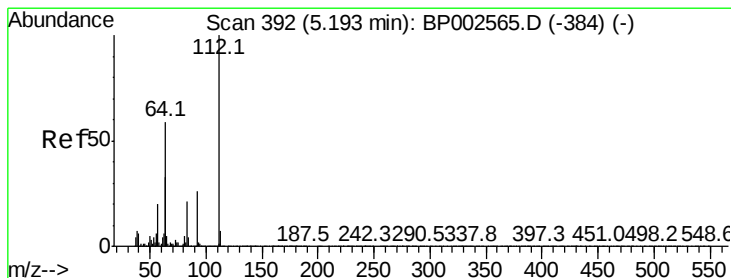
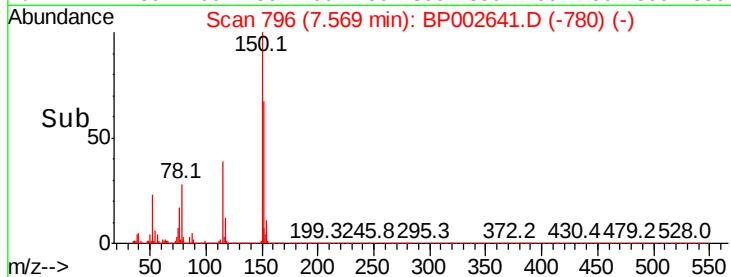
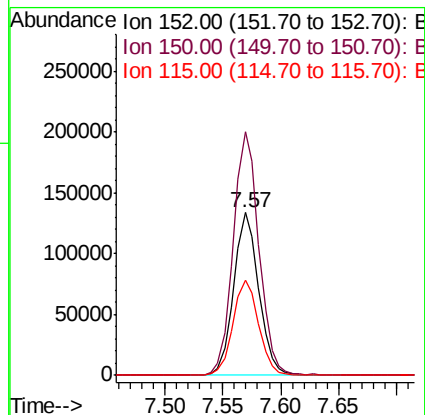
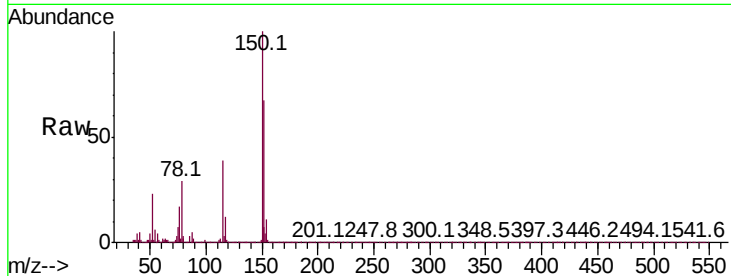


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002641.D
Acq: 06 Jul 2020 10:45

Instrument :
BNA_P
ClientSampleId :
PB129875TB

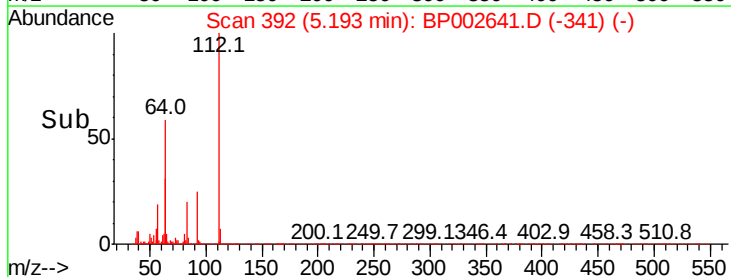
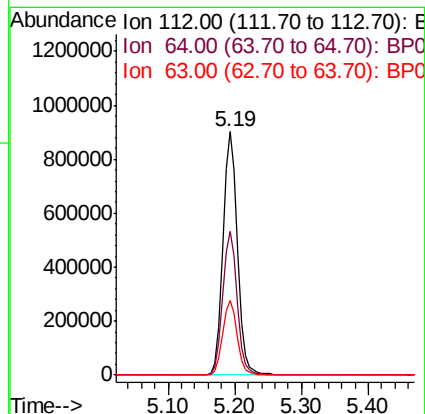
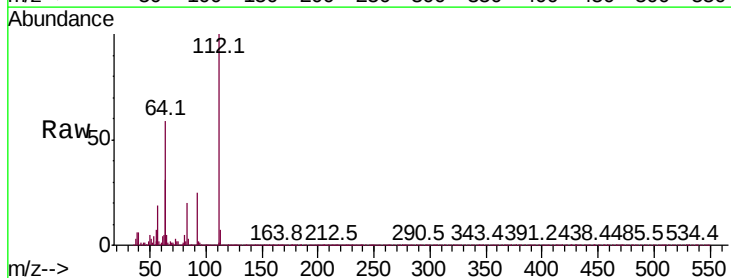
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.9	124.2	186.2
115	58.7	47.1	70.7

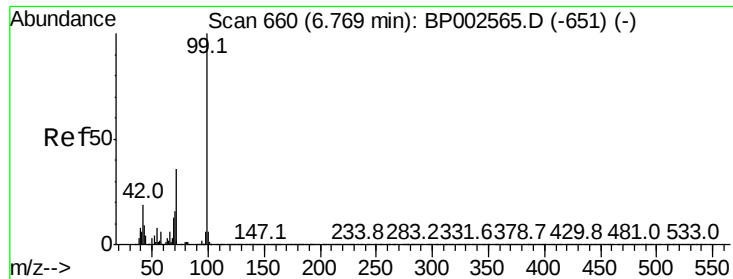


#5

2-Fluorophenol
Concen: 116.956 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002641.D
Acq: 06 Jul 2020 10:45

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.9	47.0	70.6
63	30.9	26.1	39.1





#7

Phenol-d6

Concen: 108.294 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002641.D

Acq: 06 Jul 2020 10:45

Instrument :

BNA_P

ClientSampleId :

PB129875TB

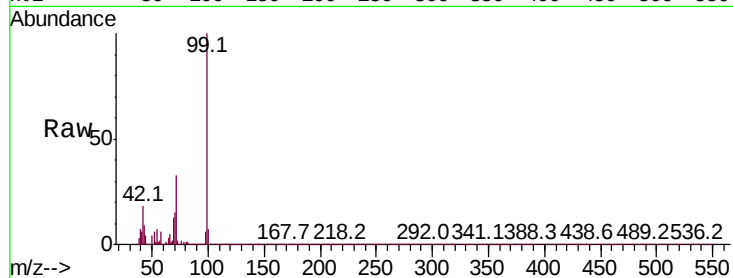
Tot Ion: 99 Resp: 1794444

Ion Ratio Lower Upper

99 100

42 17.9 15.5 23.3

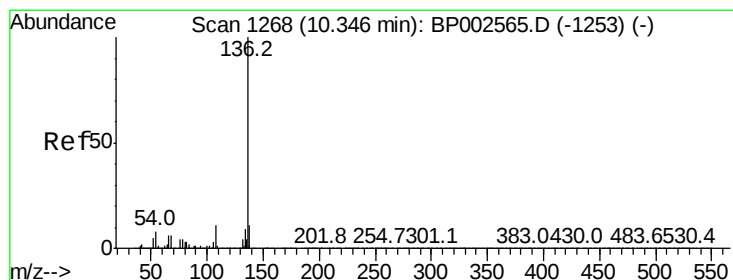
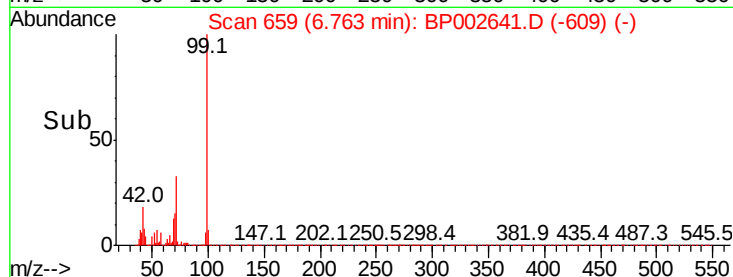
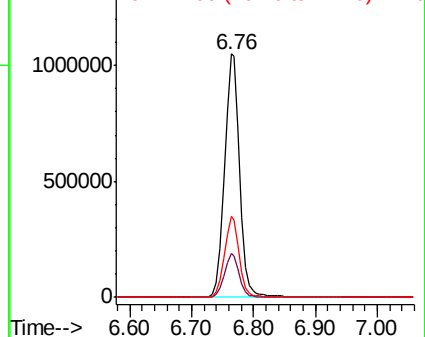
71 33.4 28.9 43.3



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: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002641.D

Acq: 06 Jul 2020 10:45

Tgt Ion: 136 Resp: 739984

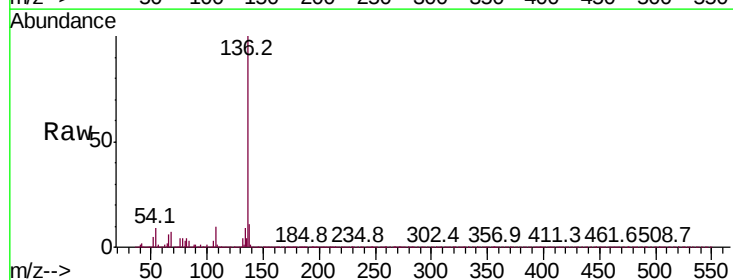
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 9.1 6.4 9.6

68 7.2 5.1 7.7

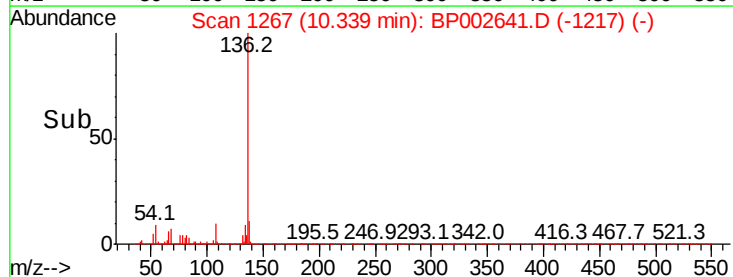
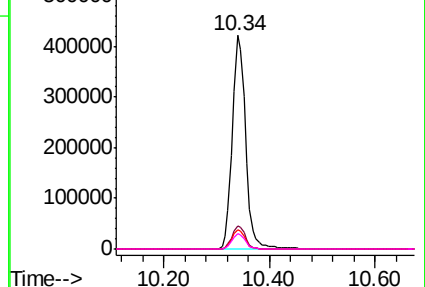


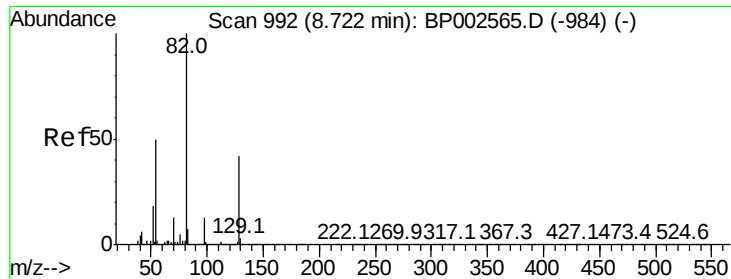
Abundance Ion 136.00 (135.70 to 136.70): E

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



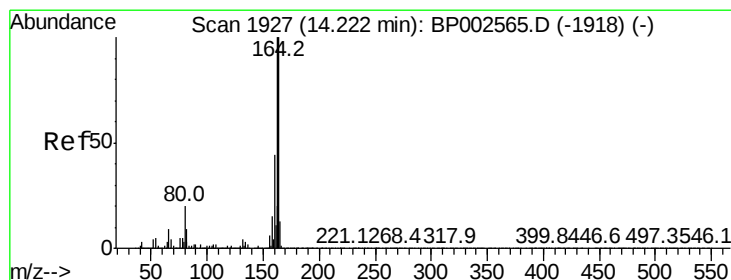
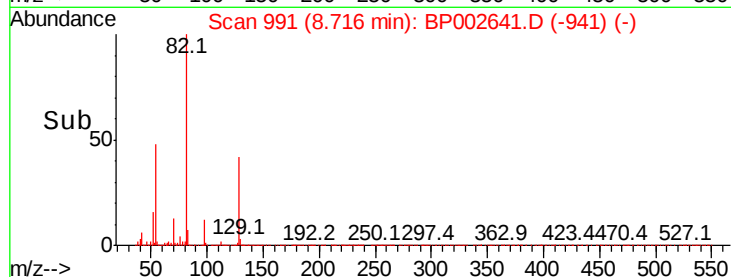
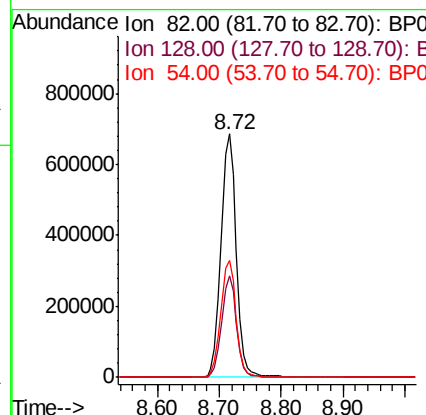
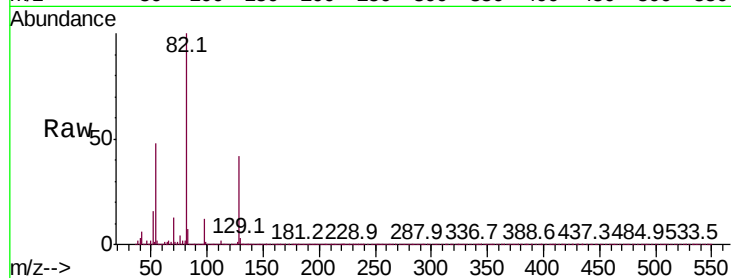


#23
 Nitrobenzene-d5
 Concen: 82.101 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002641.D
 Acq: 06 Jul 2020 10:45

Instrument :
 BNA_P
 ClientSampleId :
 PB129875TB

Tot Ion: 82 Resp: 1179103

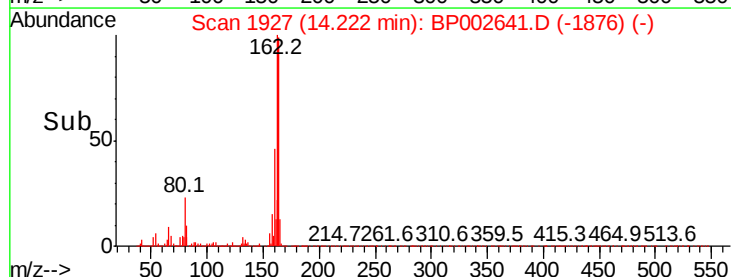
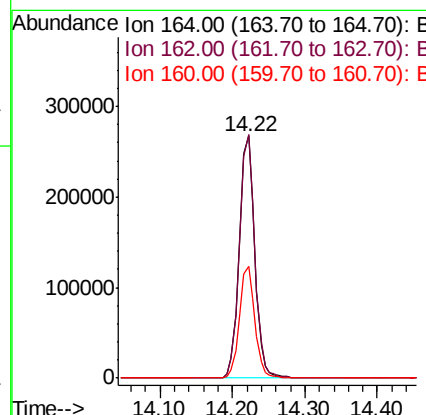
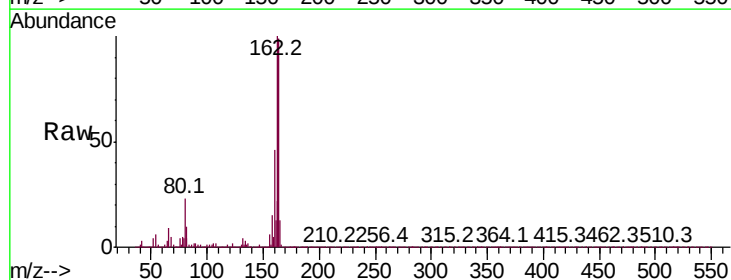
Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.4	50.2
54	48.3	40.1	60.1

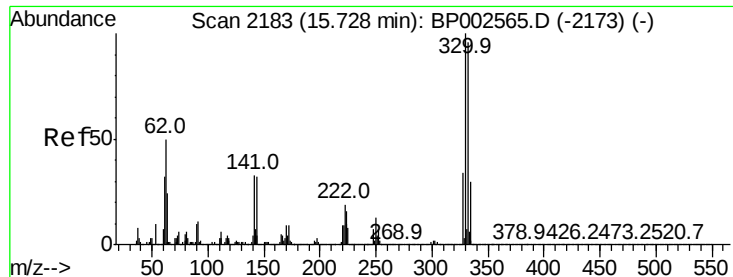


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1927
 Delta R.T. -0.00 min
 Lab File: BP002641.D
 Acq: 06 Jul 2020 10:45

Tgt Ion:164 Resp: 399482

Ion	Ratio	Lower	Upper
164	100		
162	100.7	80.3	120.5
160	46.2	35.0	52.6

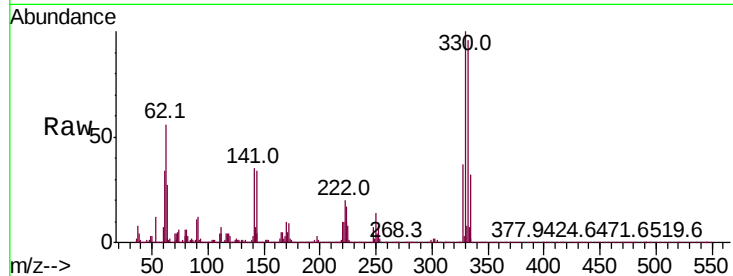




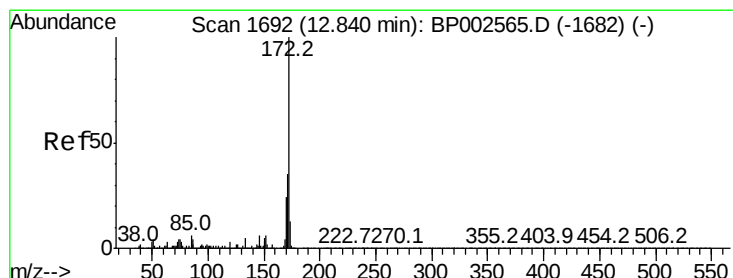
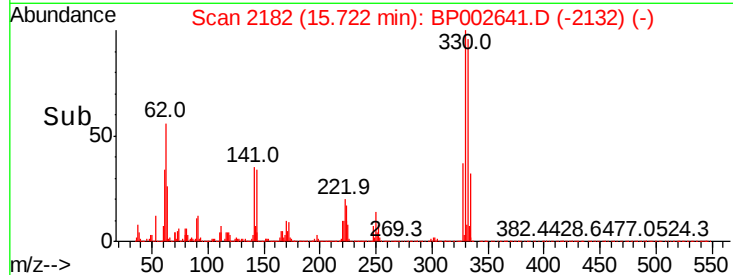
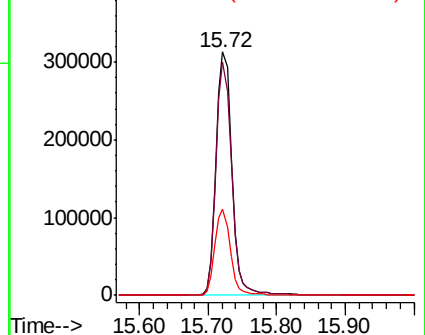
#42
2,4,6-Tribromophenol
Concen: 103.011 ng
RT: 15.72 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BP002641.D
Acq: 06 Jul 2020 10:45

Instrument :
BNA_P
ClientSampleId :
PB129875TB

Tot Ion:330 Resp: 500513
Ion Ratio Lower Upper
330 100
332 95.0 77.7 116.5
141 35.2 29.0 43.6

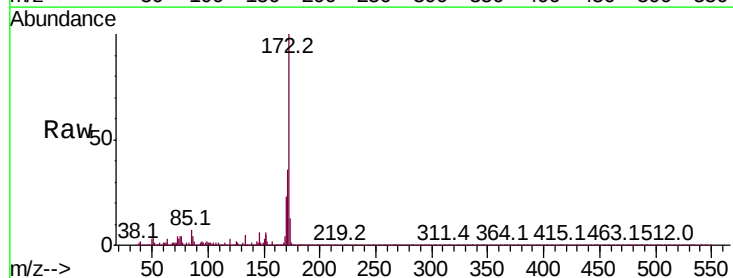


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

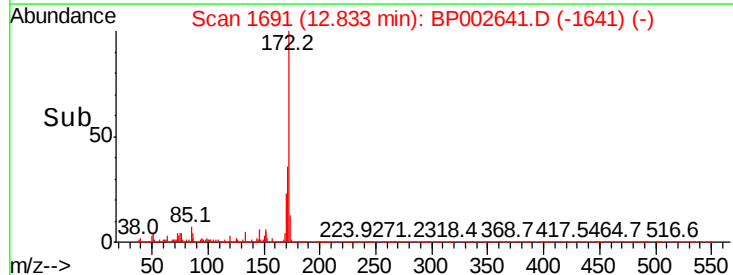
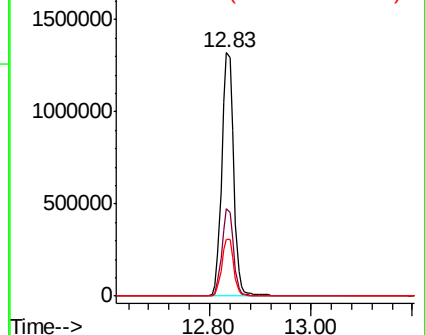


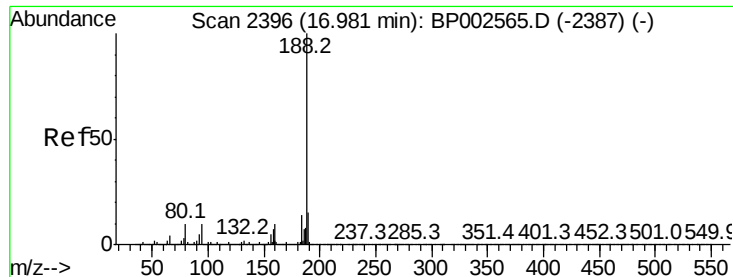
#45
2-Fluorobiphenyl
Concen: 79.966 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002641.D
Acq: 06 Jul 2020 10:45

Tgt Ion:172 Resp: 2170430
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.5 19.0 28.4



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: 16.98 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BP002641.D

Acq: 06 Jul 2020 10:45

Instrument :

BNA_P

ClientSampleId :

PB129875TB

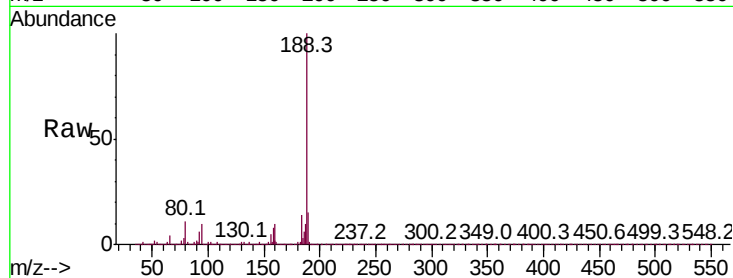
Tot Ion:188 Resp: 781420

Ion Ratio Lower Upper

188 100

94 10.3 7.8 11.6

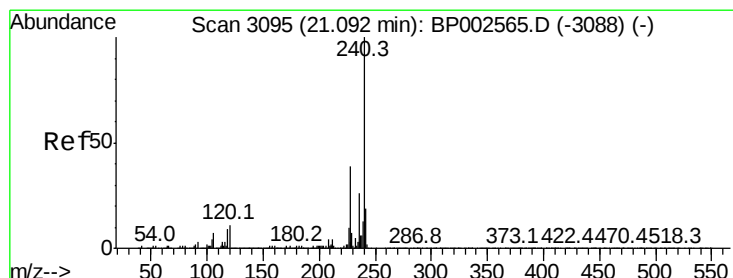
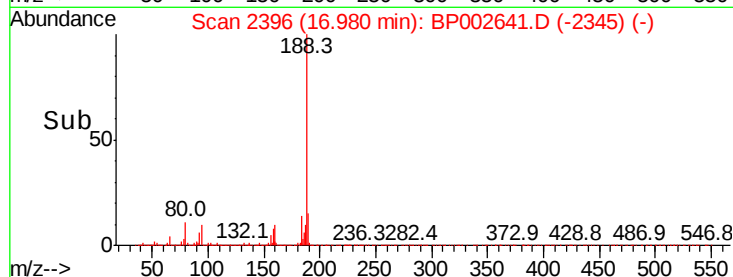
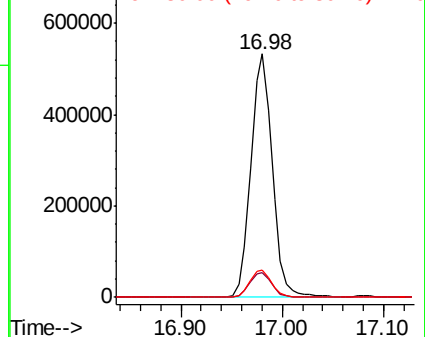
80 11.2 8.2 12.4



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# 3094

Delta R.T. -0.01 min

Lab File: BP002641.D

Acq: 06 Jul 2020 10:45

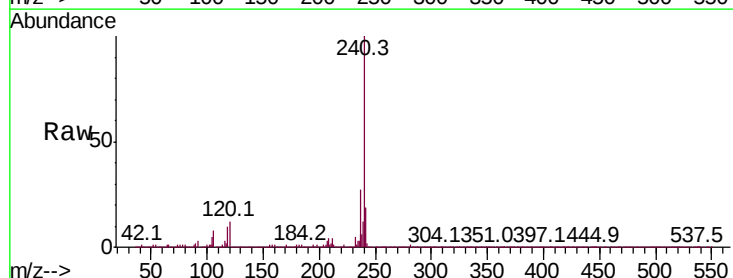
Tgt Ion:240 Resp: 818378

Ion Ratio Lower Upper

240 100

120 11.8 8.6 13.0

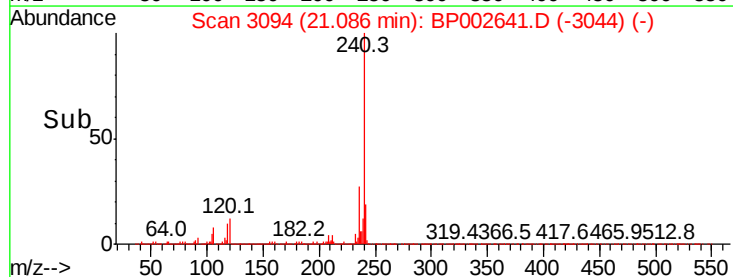
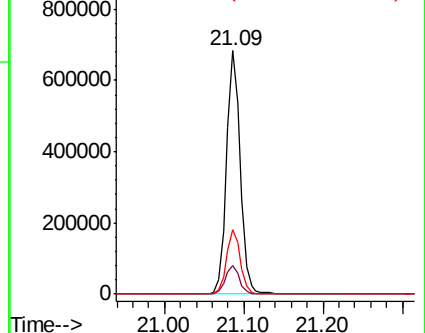
236 26.6 20.8 31.2

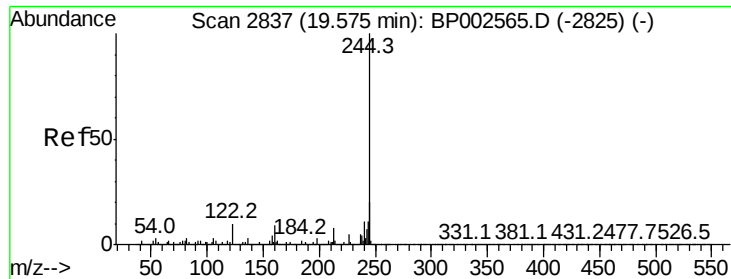


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 77.543 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002641.D

Acq: 06 Jul 2020 10:45

Instrument :

BNA_P

ClientSampleId :

PB129875TB

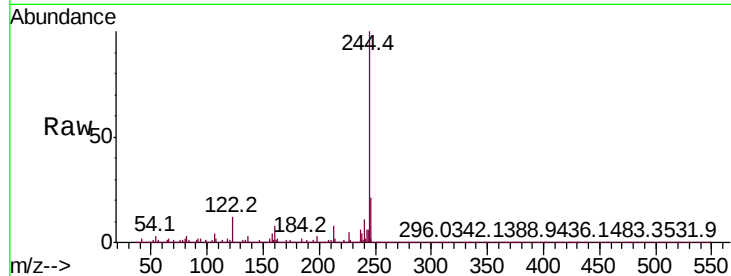
Tot Ion:244 Resp: 2939984

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

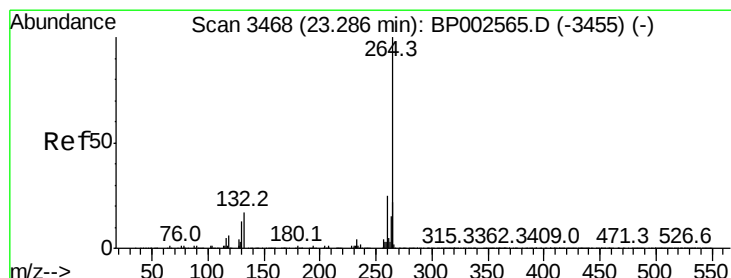
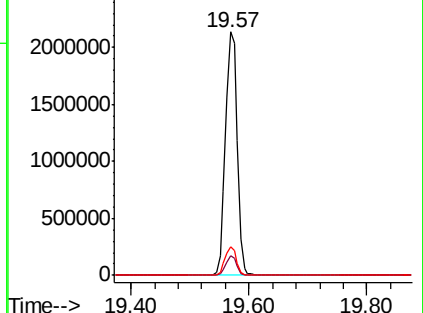
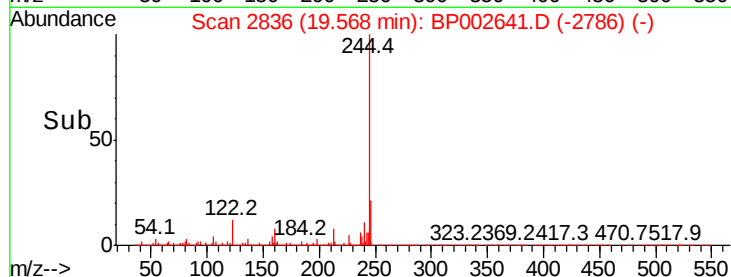
122 11.6 7.9 11.9



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002641.D

Acq: 06 Jul 2020 10:45

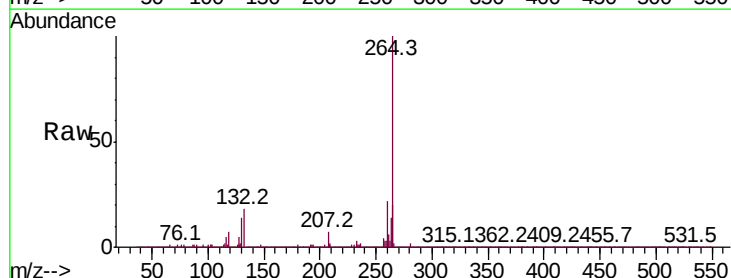
Tgt Ion:264 Resp: 901008

Ion Ratio Lower Upper

264 100

260 22.2 19.7 29.5

265 20.1 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

