

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072020\
 Data File : BP002800.D
 Acq On : 20 Jul 2020 14:55
 Operator : CG/JU
 Sample : L3328-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DAY-5

Quant Time: Jul 21 01:48:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP071020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 13 10:54:03 2020
 Response via : Initial Calibration

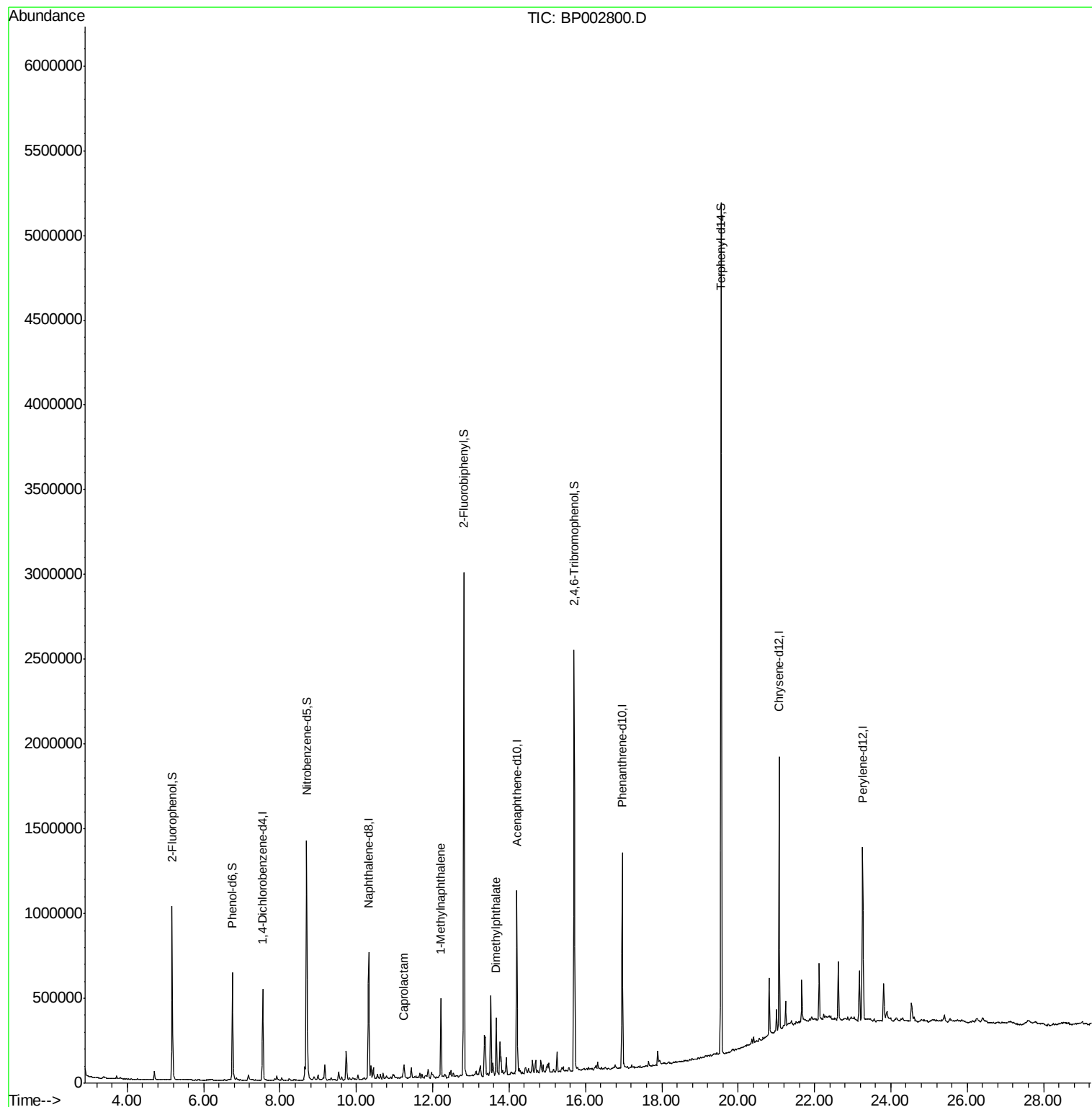
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	144554	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	598458	20.00	ng	0.00
39) Acenaphthene-d10	14.20	164	362854	20.00	ng	-0.01
64) Phenanthrene-d10	16.96	188	749231	20.00	ng	0.00
76) Chrysene-d12	21.07	240	737148	20.00	ng	0.00
86) Perylene-d12	23.26	264	686576	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	465744	54.36	ng	0.00
7) Phenol-d6	6.75	99	402066	32.88	ng	0.00
23) Nitrobenzene-d5	8.69	82	877155	78.39	ng	-0.01
42) 2,4,6-Tribromophenol	15.71	330	478997	126.46	ng	0.00
45) 2-Fluorobiphenyl	12.82	172	1579051	67.32	ng	0.00
79) Terphenyl-d14	19.56	244	2261477	70.34	ng	0.00
Target Compounds						
35) Caprolactam	11.25	113	14987	4.575	ng	Qvalue # 86
38) 1-Methylnaphthalene	12.22	142	215675	10.227	ng	97
50) Dimethylphthalate	13.66	163	210361	7.602	ng	99

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

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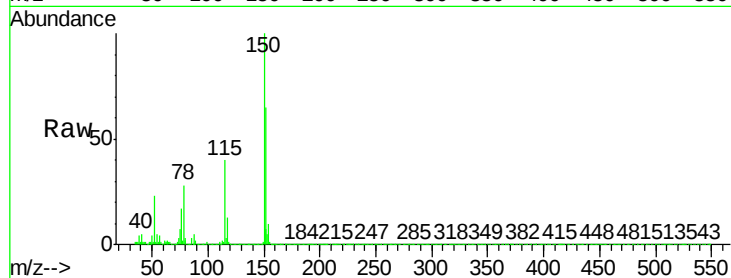


#1

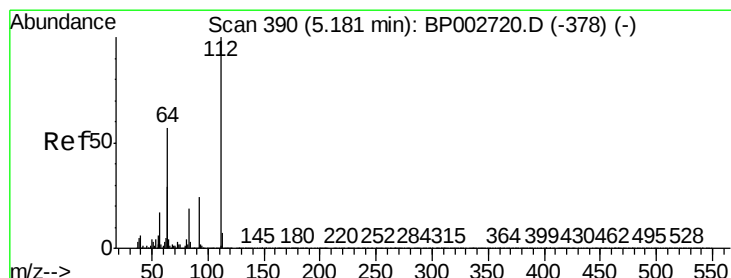
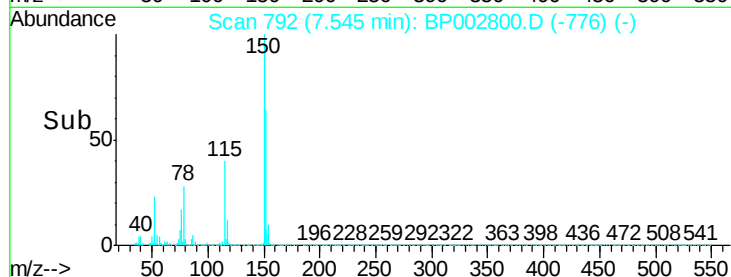
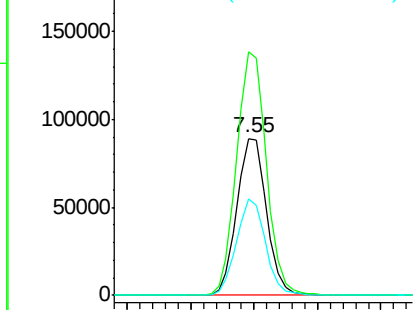
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 792
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Instrument :
BNA_P
ClientSampleId :
DAY-5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	123.7	185.5
115	61.4	47.2	70.8



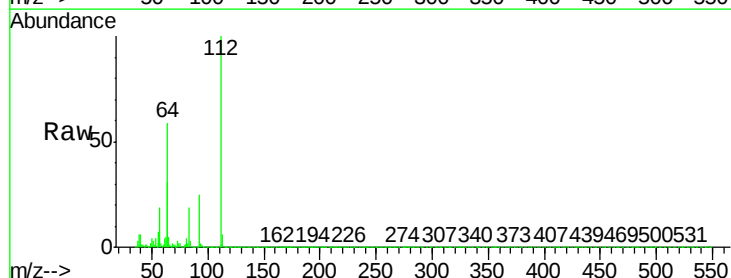
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



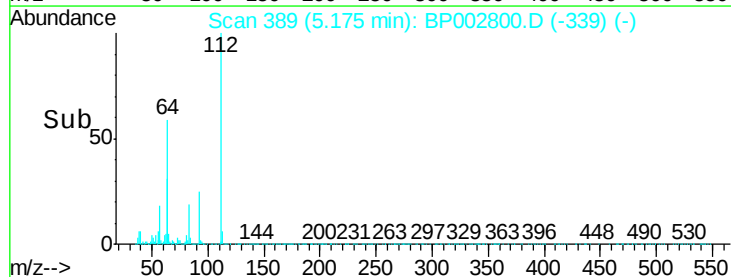
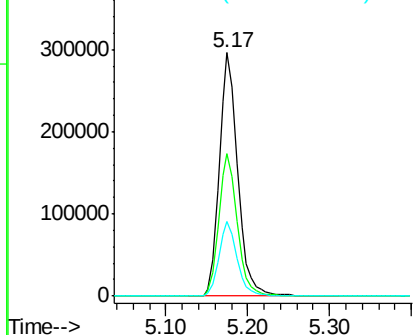
#5

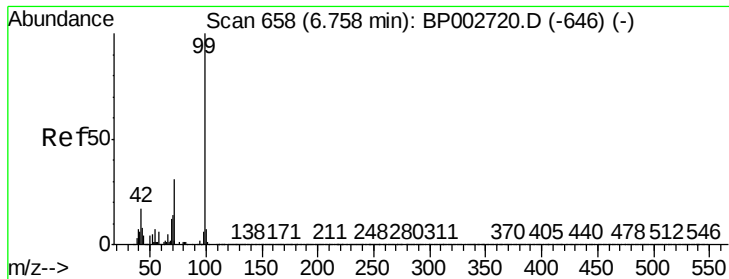
2-Fluorophenol
Concen: 54.360 ng
RT: 5.17 min Scan# 389
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	45.6	68.4
63	30.7	23.5	35.3



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: 32.882 ng

RT: 6.75 min Scan# 657

Delta R.T. -0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

Instrument :

BNA_P

ClientSampleId :

DAY-5

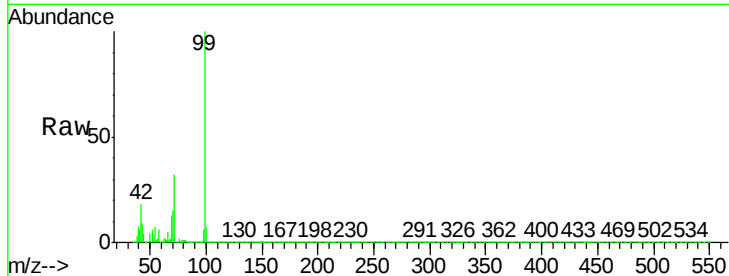
Tot Ion: 99 Resp: 402066

Ion Ratio Lower Upper

99 100

42 17.5 13.4 20.2

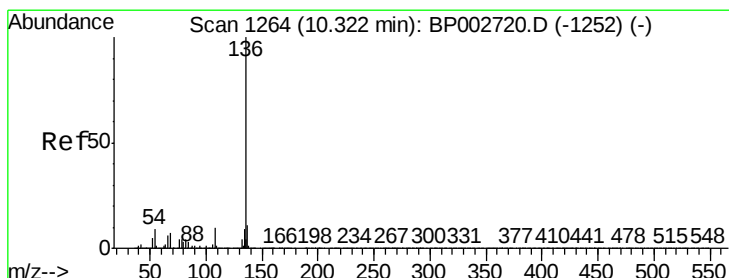
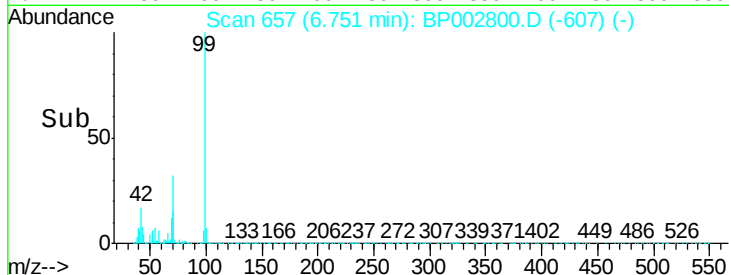
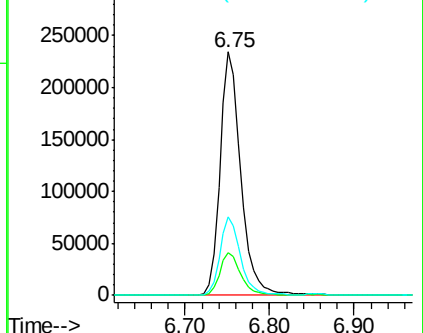
71 32.1 24.6 36.8



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: 10.32 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

Tgt Ion: 136 Resp: 598458

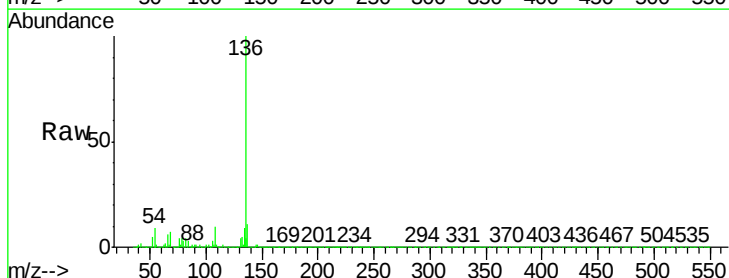
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 8.5 6.9 10.3

68 7.3 5.7 8.5

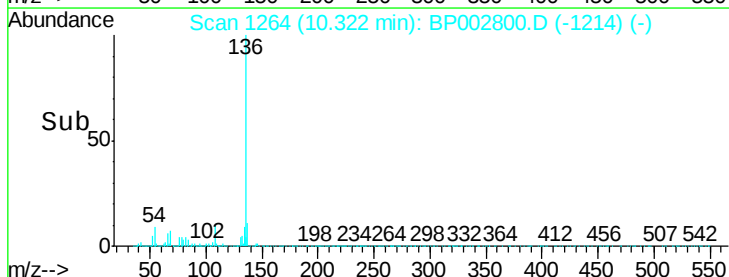
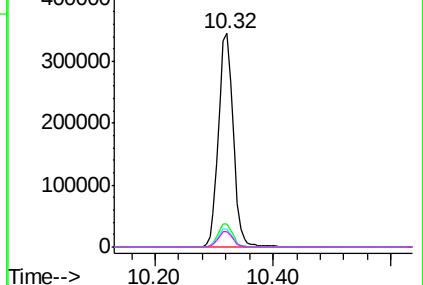


Abundance Ion 136.00 (135.70 to 136.70): E

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

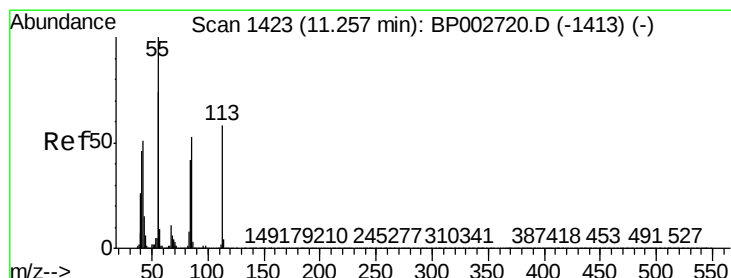
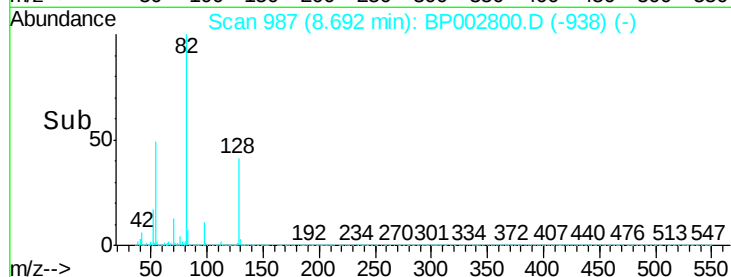
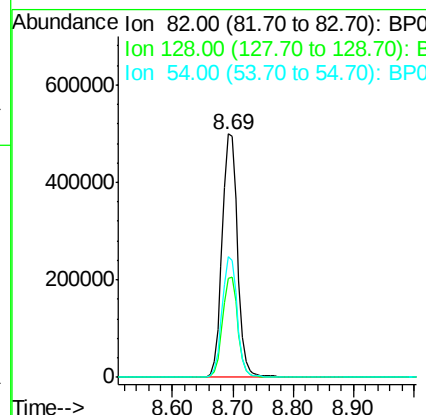
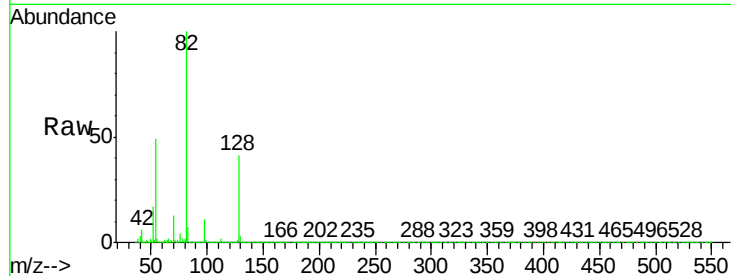




#23
Nitrobenzene-d5
Concen: 78.390 ng
RT: 8.69 min Scan# 987
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

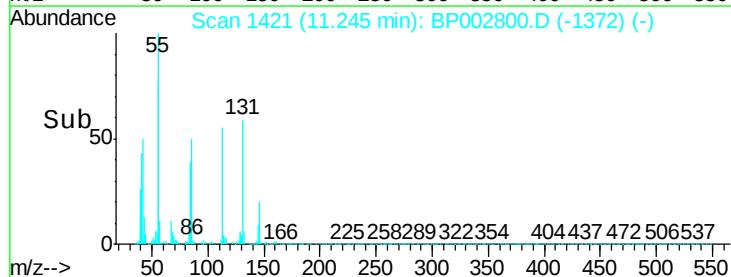
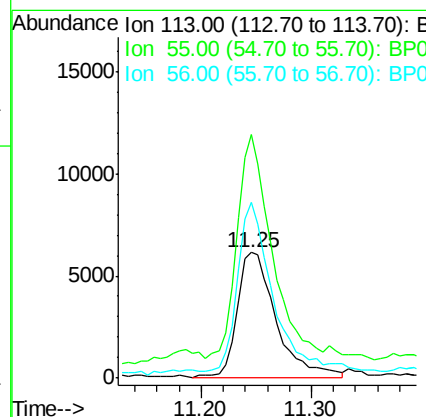
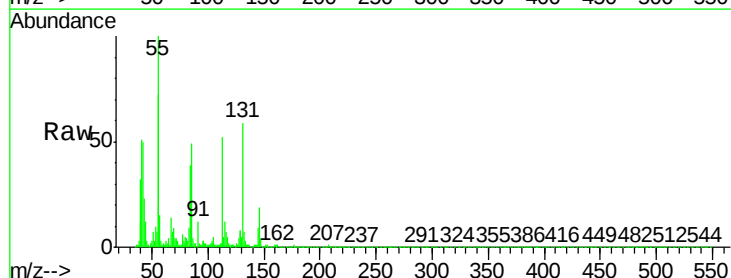
Instrument :
BNA_P
ClientSampleId :
DAY-5

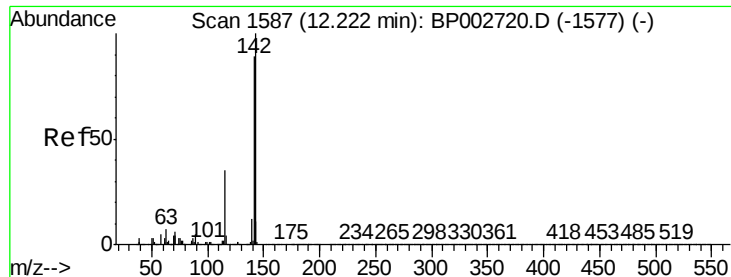
Tot Ion	82	Resp	877155
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.8	50.8
54	49.4	38.8	58.2



#35
Caprolactam
Concen: 4.575 ng
RT: 11.25 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion	113	Resp	14987
Ion Ratio	Lower	Upper	
113	100		
55	194.0	152.8	192.8#
56	140.5	107.5	147.5





#38

1-Methylnaphthalene

Concen: 10.227 ng

RT: 12.22 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

Instrument :

BNA_P

ClientSampleId :

DAY-5

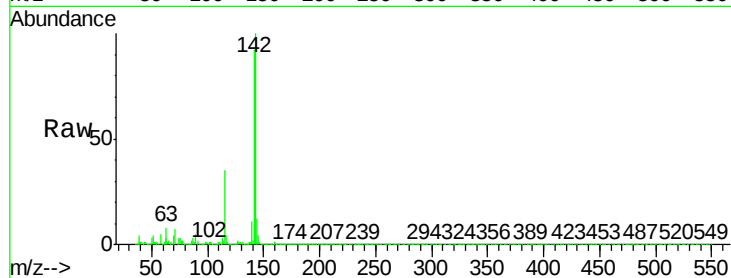
Tot Ion:142 Resp: 215675

Ion Ratio Lower Upper

142 100

141 91.9 71.5 107.3

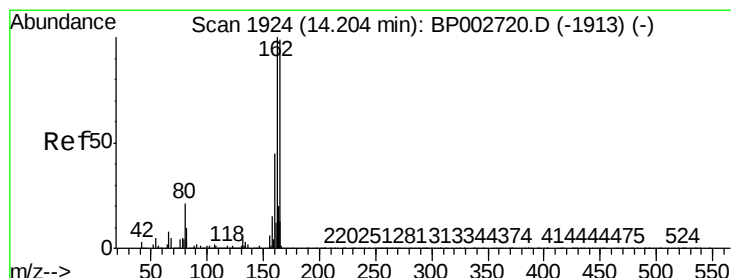
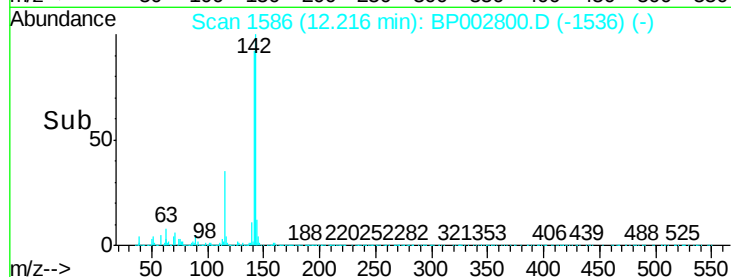
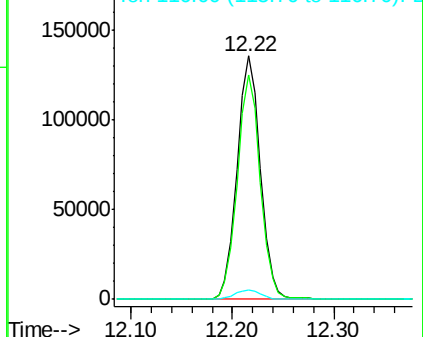
116 3.9 2.9 4.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.20 min Scan# 1923

Delta R.T. -0.01 min

Lab File: BP002800.D

Acq: 20 Jul 2020 14:55

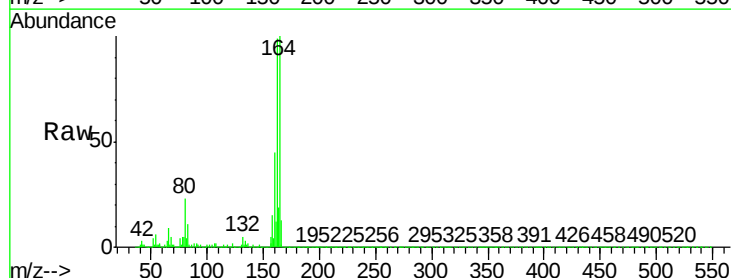
Tgt Ion:164 Resp: 362854

Ion Ratio Lower Upper

164 100

162 99.3 80.6 121.0

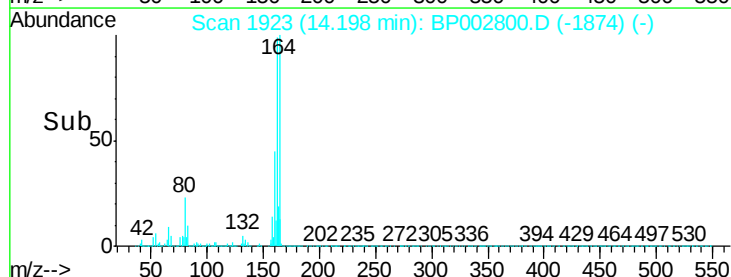
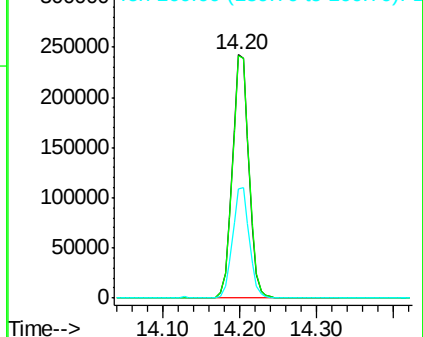
160 45.1 36.4 54.6

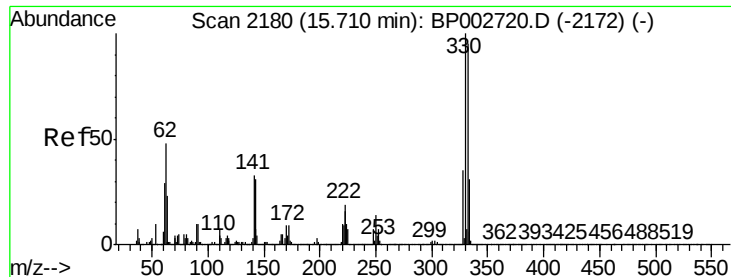


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

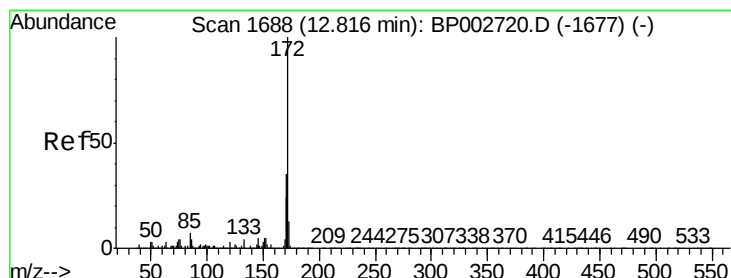
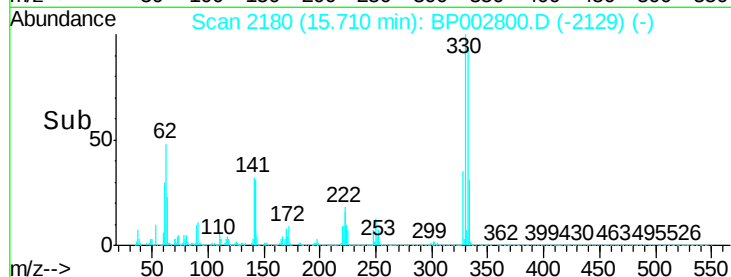
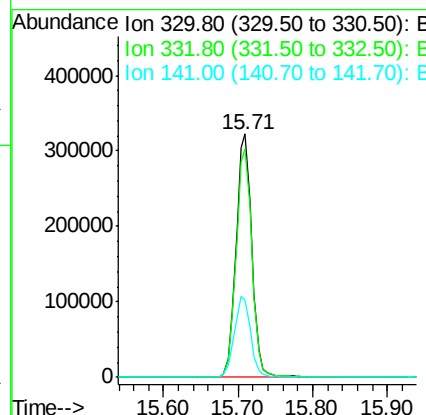
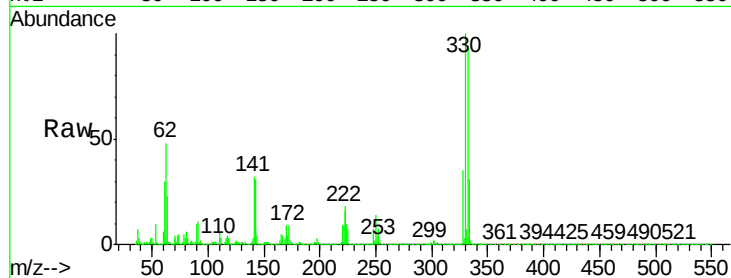




#42
 2,4,6-Tribromophenol
 Concen: 126.464 ng
 RT: 15.71 min Scan# 2180
 Delta R.T. -0.00 min
 Lab File: BP002800.D
 Acq: 20 Jul 2020 14:55

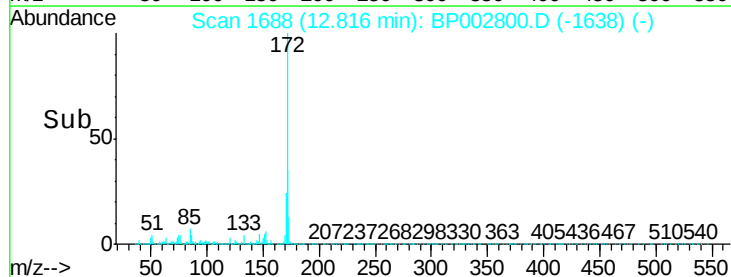
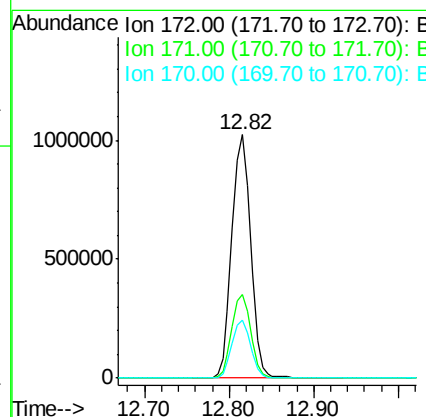
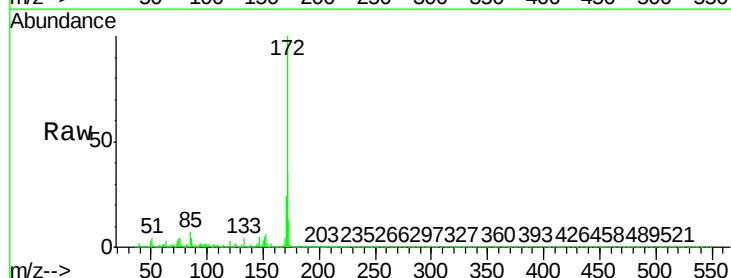
Instrument :
 BNA_P
 ClientSampleId :
 DAY-5

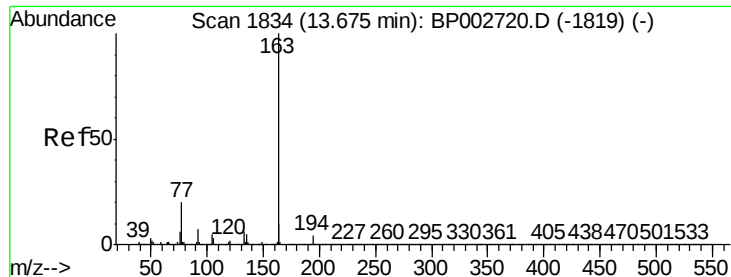
Tot Ion:330 Resp: 478997
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.5 114.7
 141 34.4 28.8 43.2



#45
 2-Fluorobiphenyl
 Concen: 67.321 ng
 RT: 12.82 min Scan# 1688
 Delta R.T. -0.01 min
 Lab File: BP002800.D
 Acq: 20 Jul 2020 14:55

Tgt Ion:172 Resp: 1579051
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.1 42.1
 170 24.1 19.3 28.9

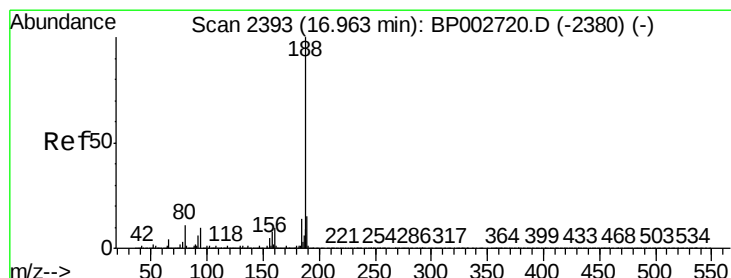
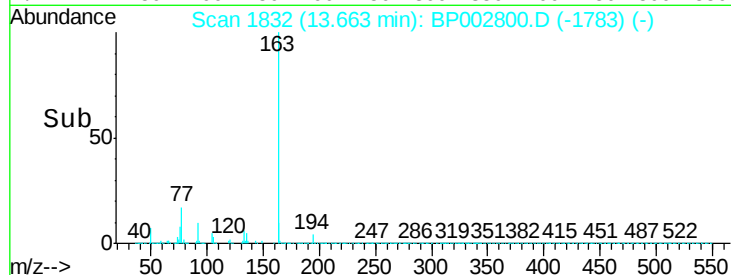
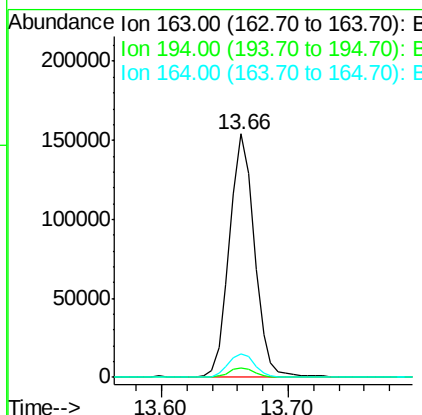
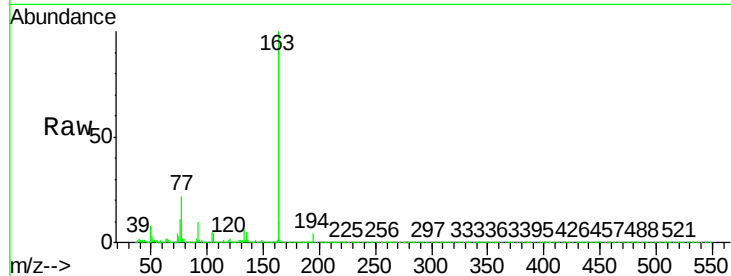




#50
Dimethylphthalate
Concen: 7.602 ng
RT: 13.66 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

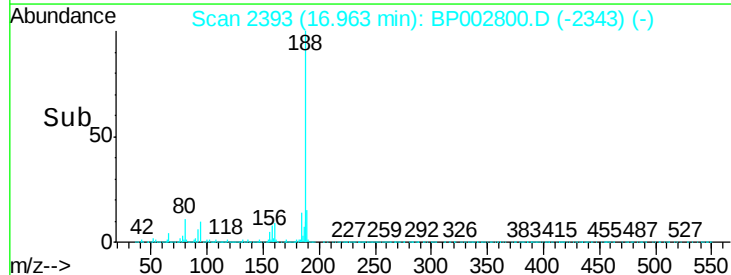
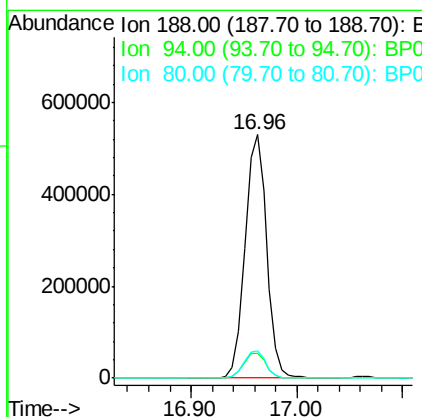
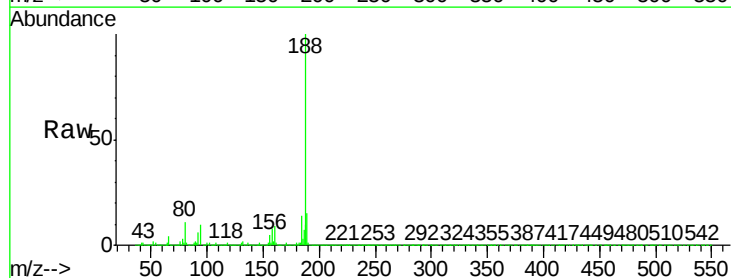
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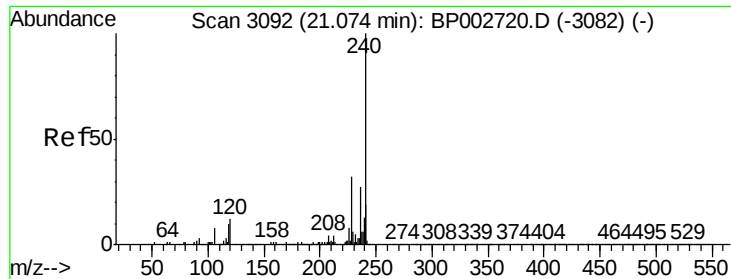
Tot Ion:163 Resp: 210361
Ion Ratio Lower Upper
163 100
194 3.9 3.4 5.2
164 9.6 7.8 11.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.96 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion:188 Resp: 749231
Ion Ratio Lower Upper
188 100
94 10.3 8.1 12.1
80 11.0 8.9 13.3

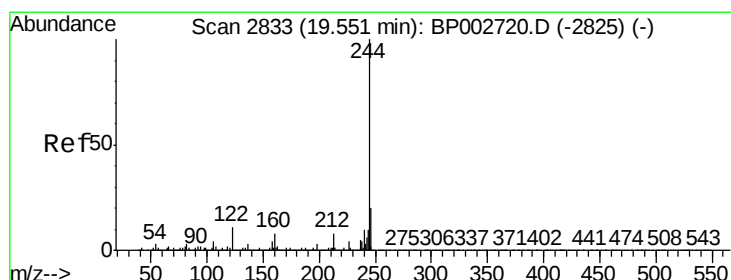
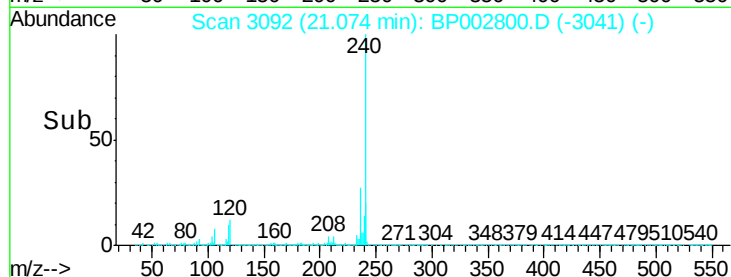
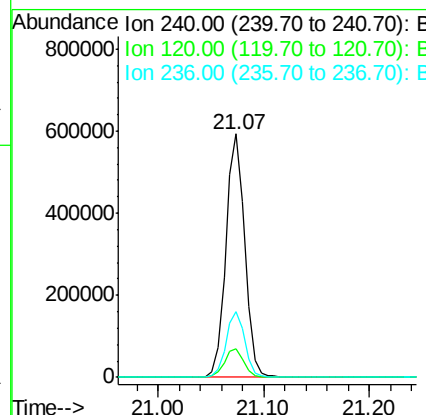
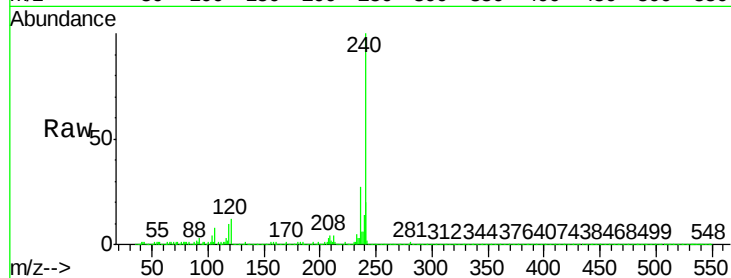




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.07 min Scan# 3092
Delta R.T. -0.00 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

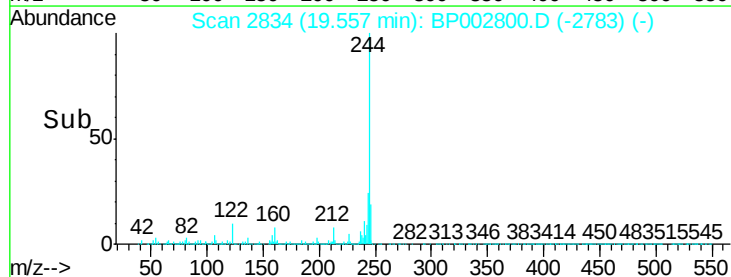
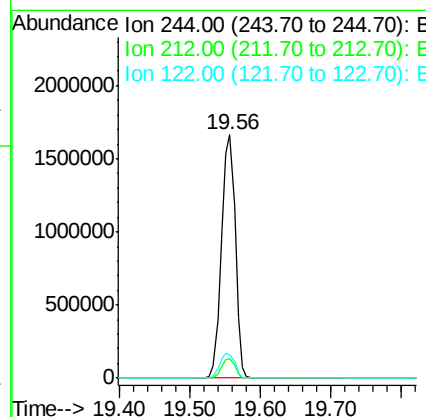
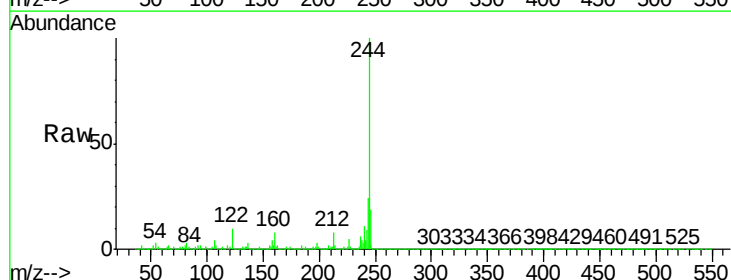
Instrument :
BNA_P
ClientSampleId :
DAY-5

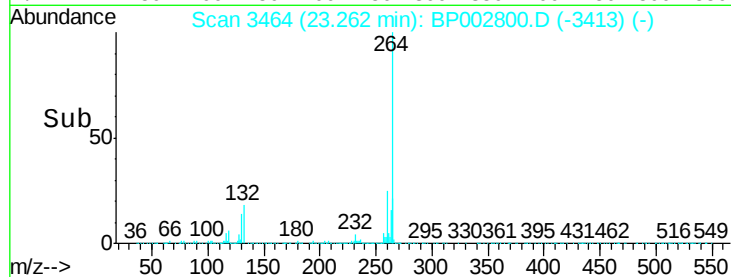
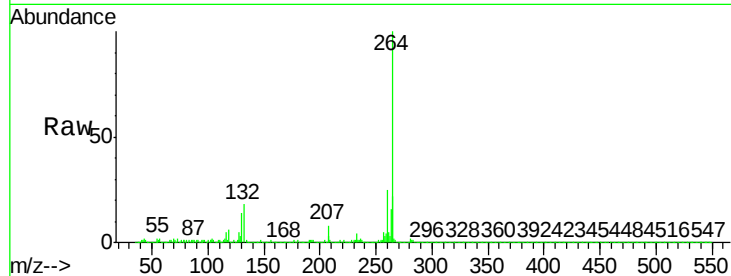
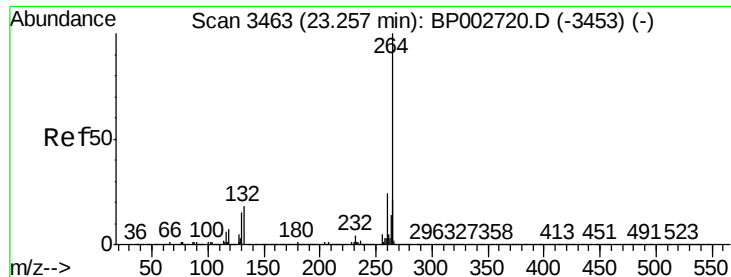
Tot Ion:240 Resp: 737148
Ion Ratio Lower Upper
240 100
120 11.8 9.4 14.2
236 26.9 21.3 31.9



#79
Terphenyl-d14
Concen: 70.338 ng
RT: 19.56 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Tgt Ion:244 Resp: 2261477
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 9.9 8.9 13.3





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.26 min Scan# 3464
Delta R.T. -0.00 min
Lab File: BP002800.D
Acq: 20 Jul 2020 14:55

Instrument :
BNA_P
ClientSampleId :
DAY-5

Tot Ion:	264	Resp:	686576
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.3	28.9
265	21.6	16.8	25.2

