

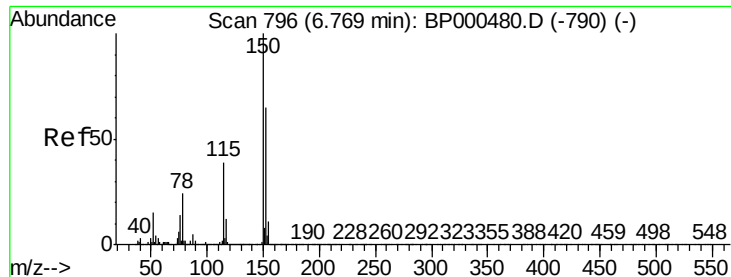
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000861.D
 Acq On : 18 Oct 2019 01:52
 Operator : JU
 Sample : K5358-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

Quant Time: Oct 18 07:48:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	182106	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	645037	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	357988	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	659364	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	579922	20.00	ng	-0.01
87) Perylene-d12	15.45	264	655292	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	999499	88.23	ng	-0.02
7) Phenol-d6	6.39	99	1247002	91.34	ng	-0.02
23) Nitrobenzene-d5	7.31	82	690412	65.37	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	384991	100.92	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1491325	67.40	ng	-0.02
79) Terphenyl-d14	12.90	244	1783284	62.26	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	53837	3.852	ng	94
19) n-Nitroso-di-n-propylamine	7.31	70	84568	13.439	ng	# 73
25) Isophorone	7.31	82	689328	36.776	ng	# 61
41) Hexachlorocyclopentadiene	9.10	237	8	7.299	ng	93
50) Dimethylphthalate	9.51	163	233892	9.403	ng	100
57) 2,4-Dinitrotoluene	9.80	165	46205	6.424	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	25756	3.470	ng	# 1

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

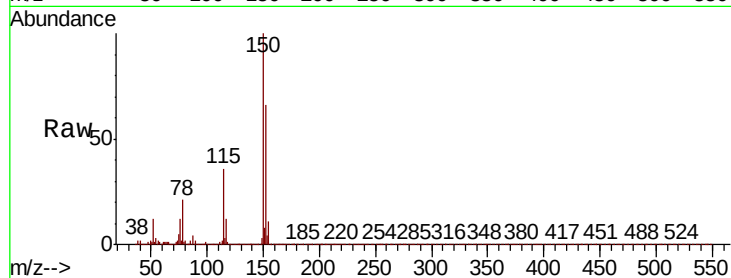


#1

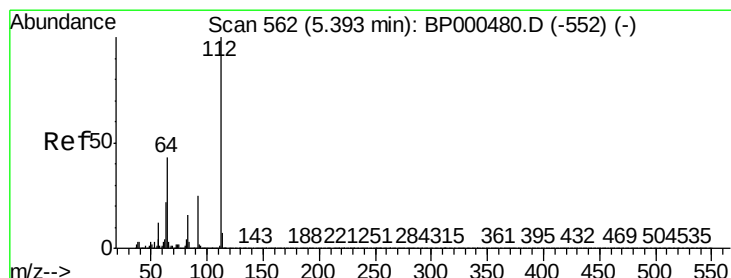
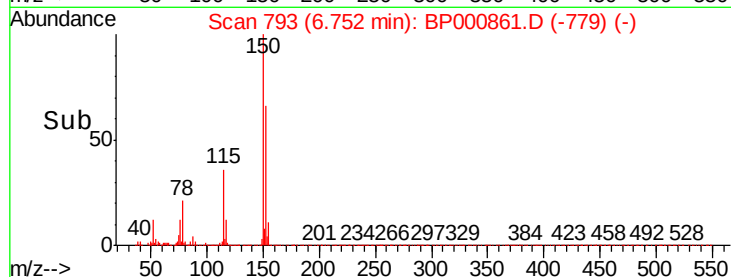
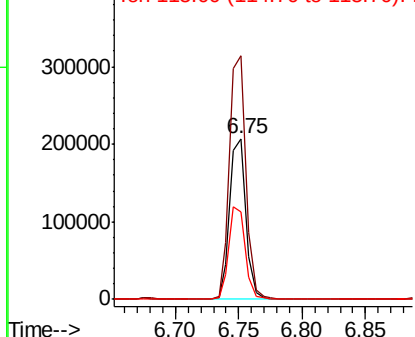
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

Instrument :
BNA_P
ClientSampleId :
DFTPP

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.1	186.1
115	54.9	48.7	73.1



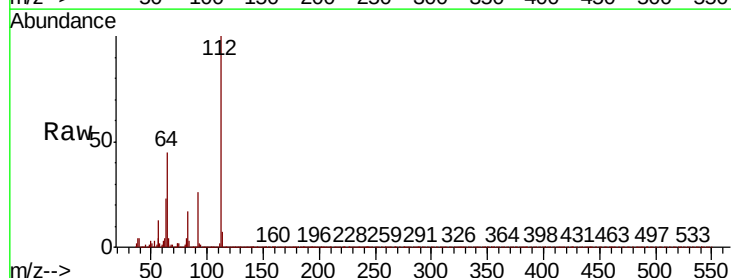
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



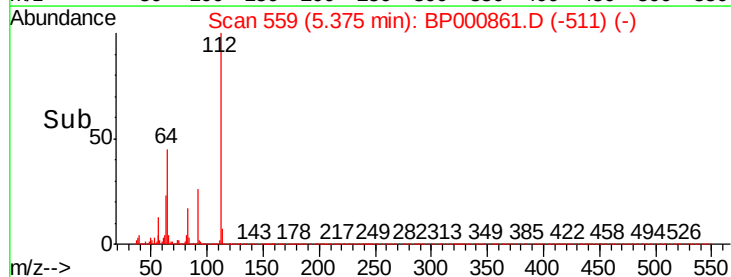
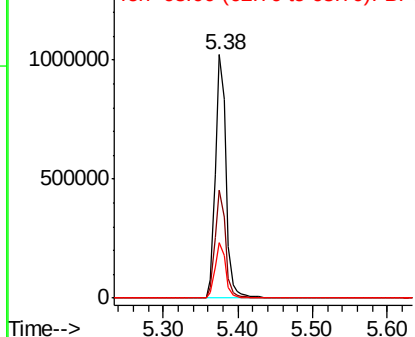
#5

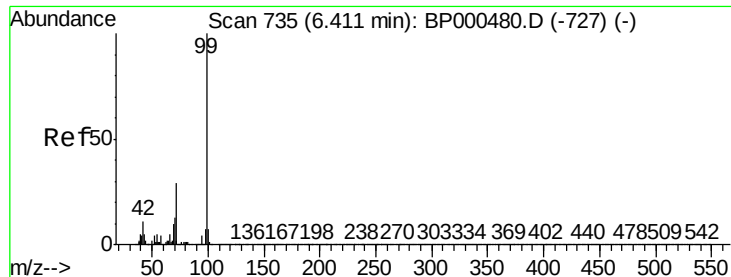
2-Fluorophenol
Concen: 88.225 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.5	34.2	51.4
63	22.9	17.9	26.9



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: 91.343 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000861.D

Acq: 18 Oct 2019 01:52

Instrument :

BNA_P

ClientSampleId :

DFTPP

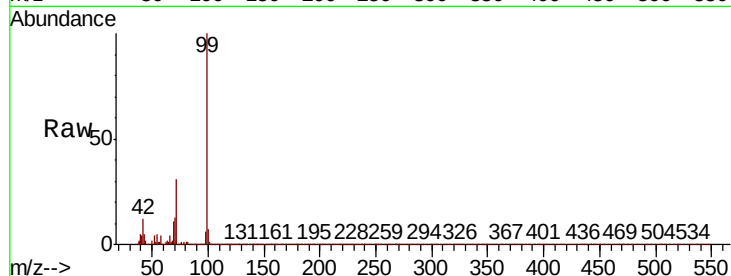
Tot Ion: 99 Resp: 1247002

Ion Ratio Lower Upper

99 100

42 11.5 8.6 12.8

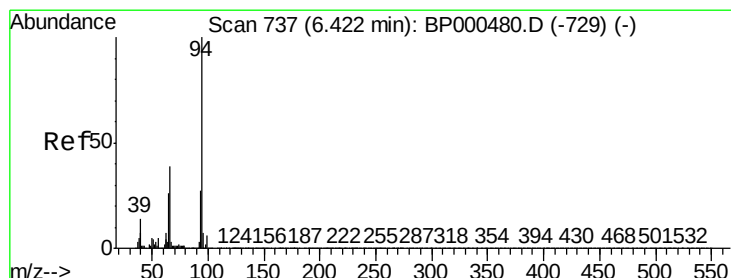
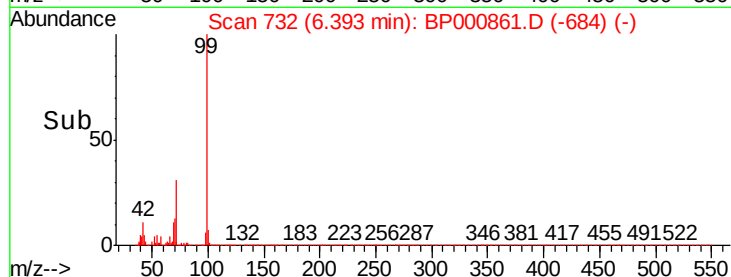
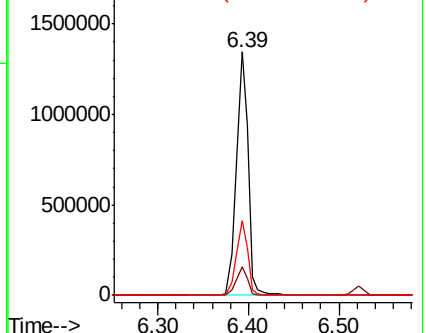
71 30.9 23.0 34.4



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



#10

Phenol

Concen: 3.852 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000861.D

Acq: 18 Oct 2019 01:52

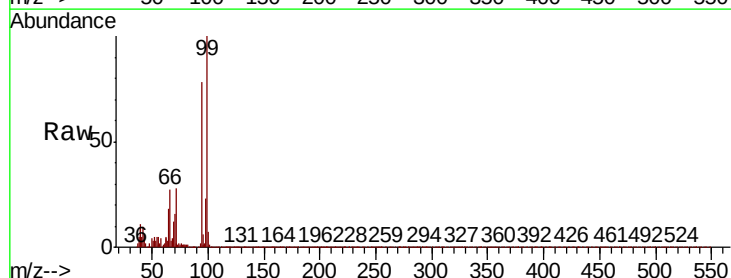
Tgt Ion: 94 Resp: 53837

Ion Ratio Lower Upper

94 100

65 23.3 5.9 45.9

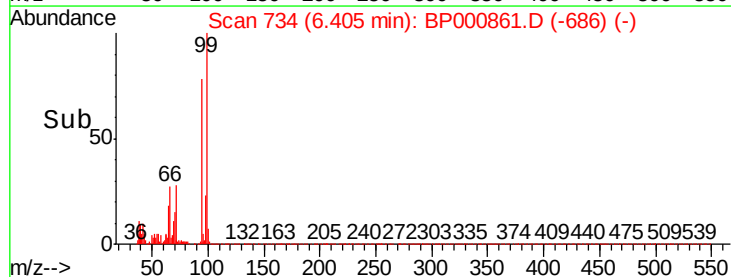
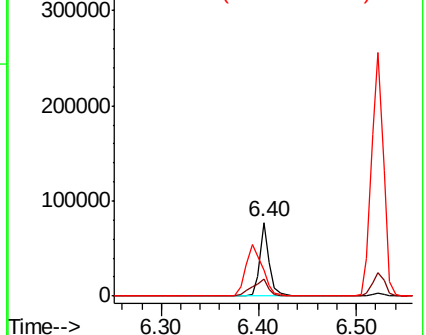
66 35.1 18.8 58.8

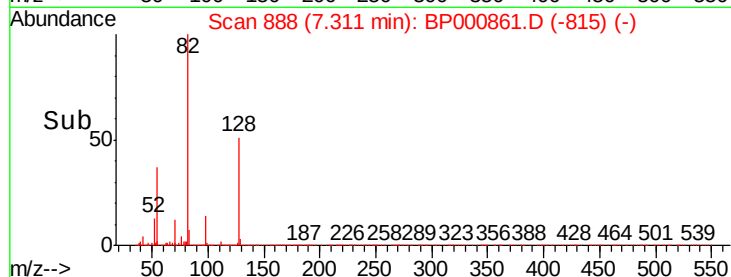
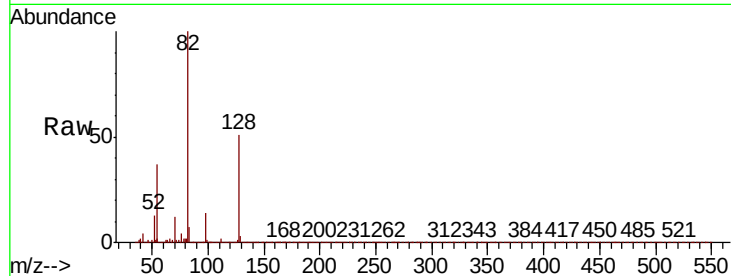
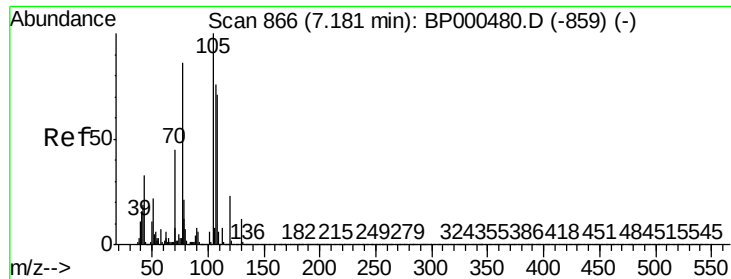


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

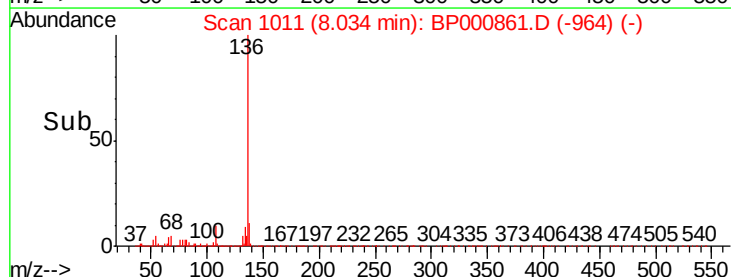
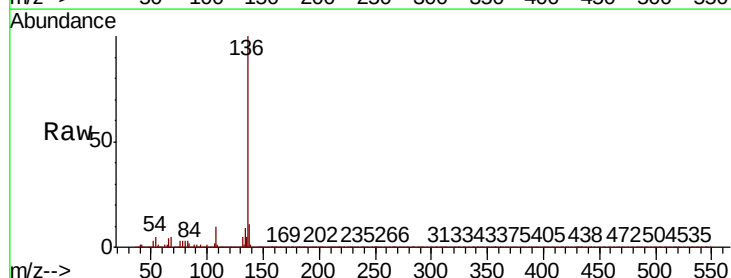
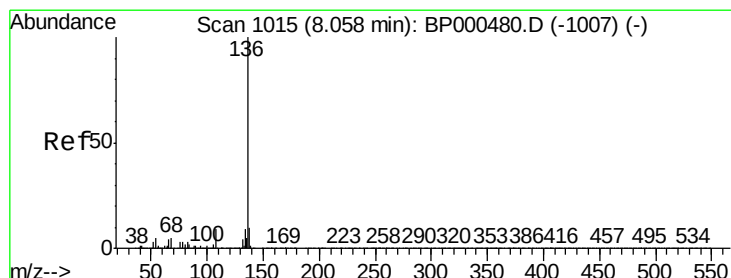
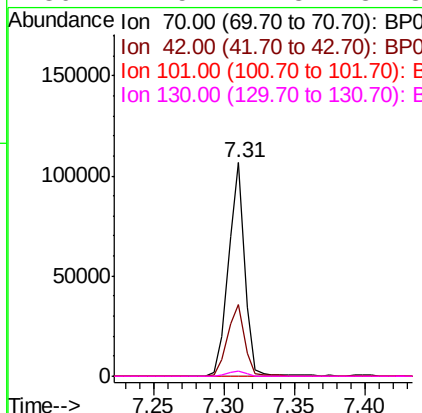




#19
n-Nitroso-di-n-propylamine
Concen: 13.439 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

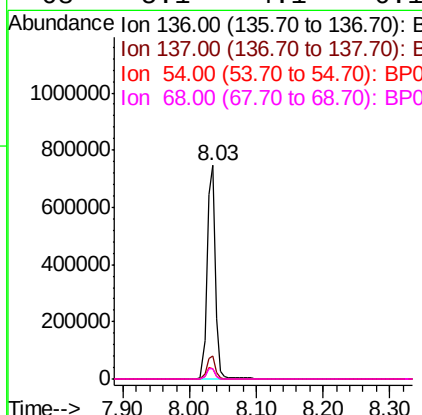
Instrument :
BNA_P
ClientSampleId :
DFTPP

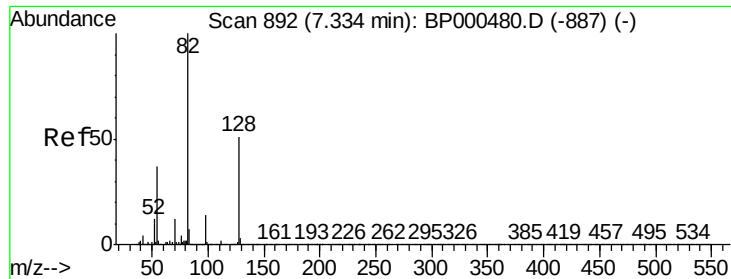
Tot Ion:	70	Resp:	84568
Ion	Ratio	Lower	Upper
70	100		
42	33.7	33.2	49.8
101	0.0	9.9	14.9#
130	2.5	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

Tgt Ion:	136	Resp:	645037
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.0	4.1	6.1
68	5.1	4.1	6.1

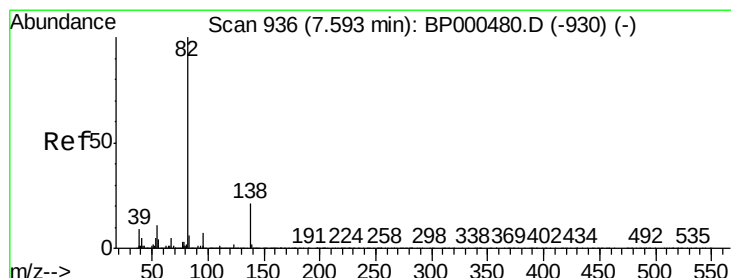
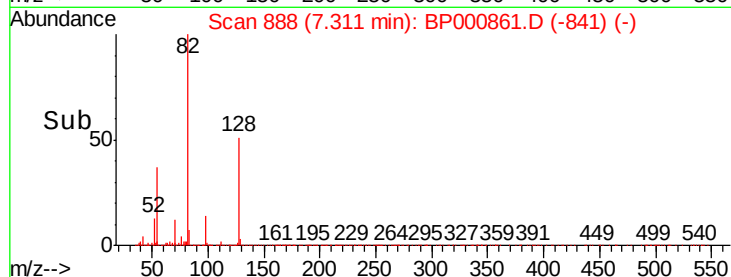
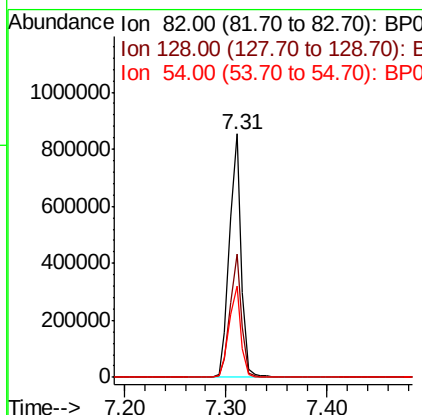
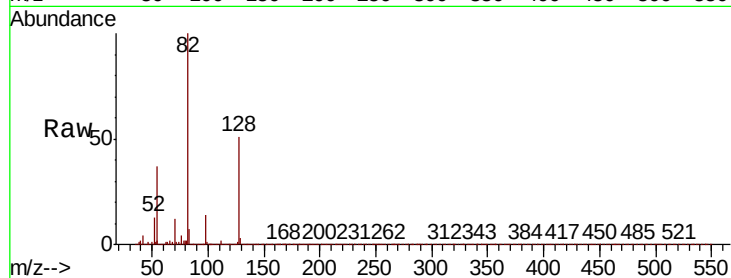




#23
 Nitrobenzene-d5
 Concen: 65.372 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000861.D
 Acq: 18 Oct 2019 01:52

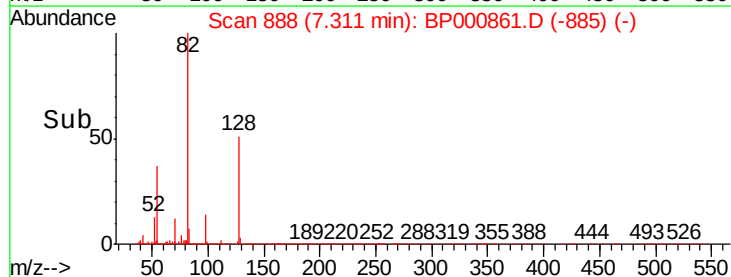
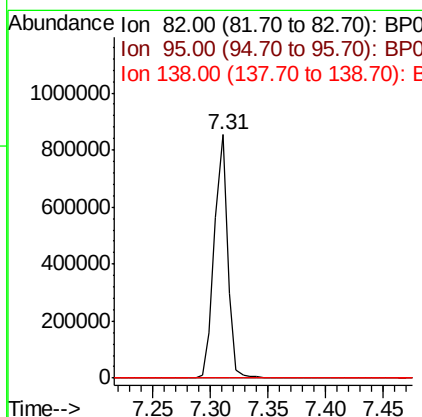
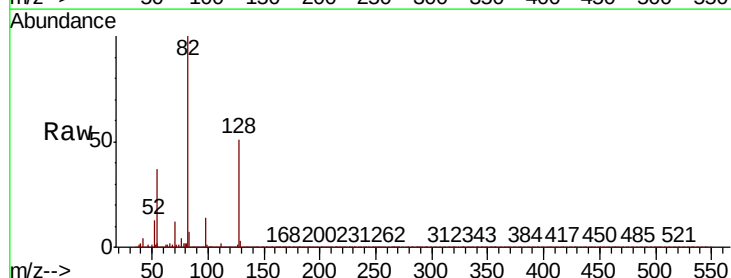
Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

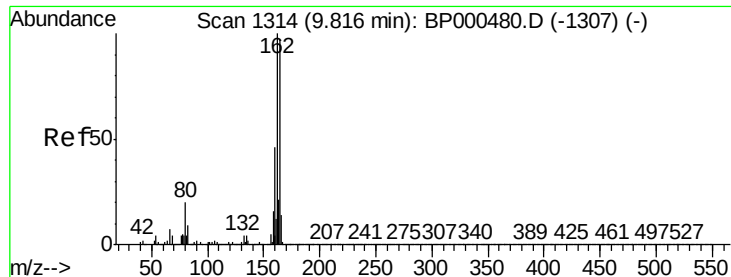
Tot Ion	Ratio	Lower	Upper
82	100		
128	50.8	40.9	61.3
54	37.4	29.4	44.2



#25
 Isophorone
 Concen: 36.776 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000861.D
 Acq: 18 Oct 2019 01:52

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000861.D

Acq: 18 Oct 2019 01:52

Instrument :

BNA_P

ClientSampleId :

DFTPP

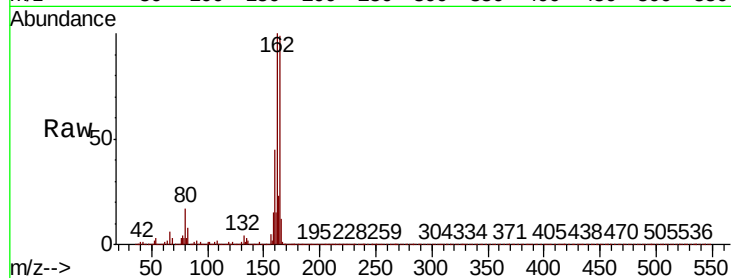
Tot Ion:164 Resp: 357988

Ion Ratio Lower Upper

164 100

162 101.4 82.2 123.2

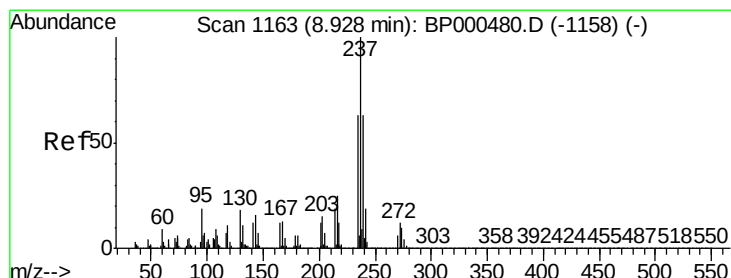
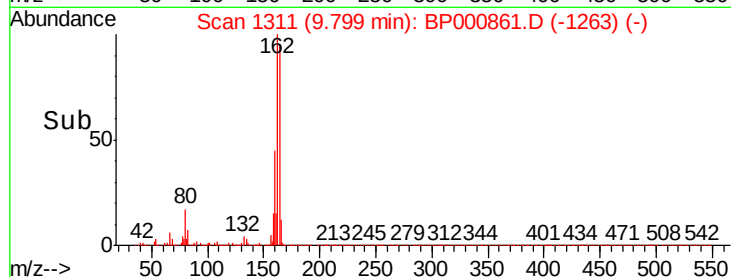
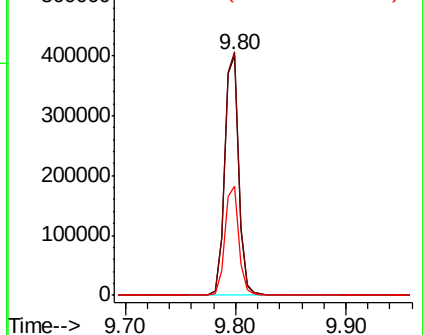
160 45.3 37.6 56.4



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



#41

Hexachlorocyclopentadiene

Concen: 7.299 ng

RT: 9.10 min Scan# 1193

Delta R.T. 0.18 min

Lab File: BP000861.D

Acq: 18 Oct 2019 01:52

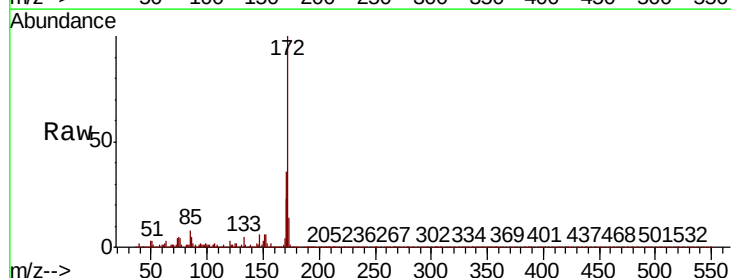
Tgt Ion:237 Resp: 8

Ion Ratio Lower Upper

237 100

235 61.5 42.9 82.9

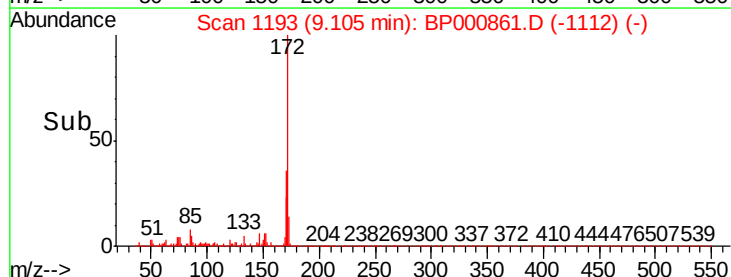
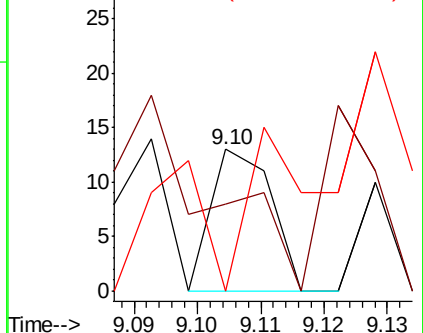
272 0.0 0.0 32.4

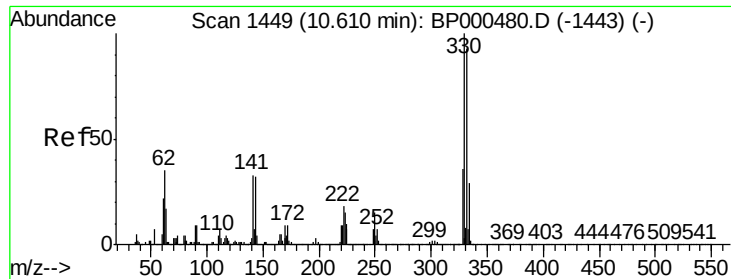


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

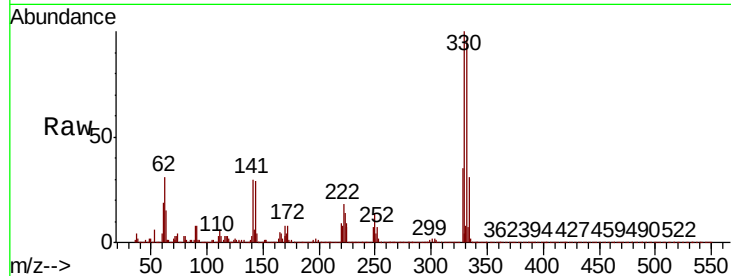




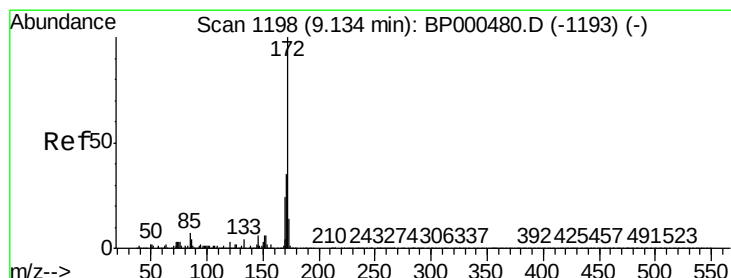
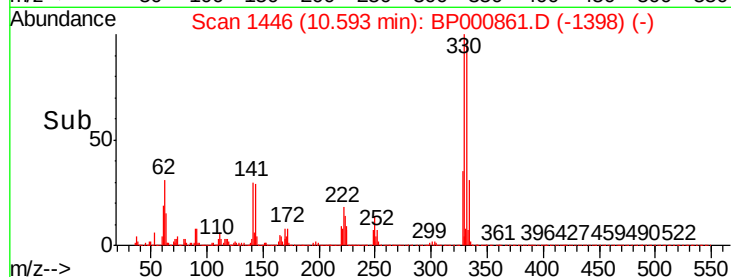
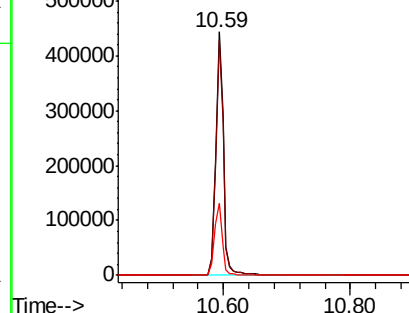
#42
2,4,6-Tribromophenol
Concen: 100.921 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

Instrument :
BNA_P
ClientSampleId :
DFTPP

Tot Ion:330 Resp: 384991
Ion Ratio Lower Upper
330 100
332 95.5 77.1 115.7
141 30.0 26.0 39.0

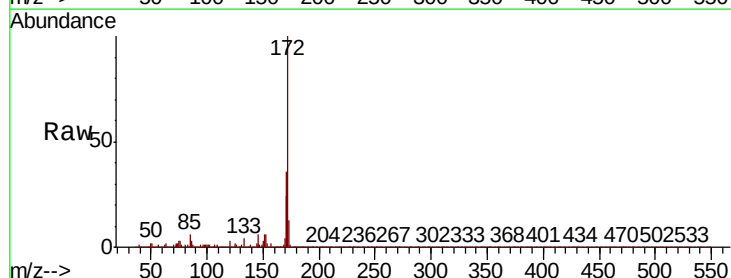


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

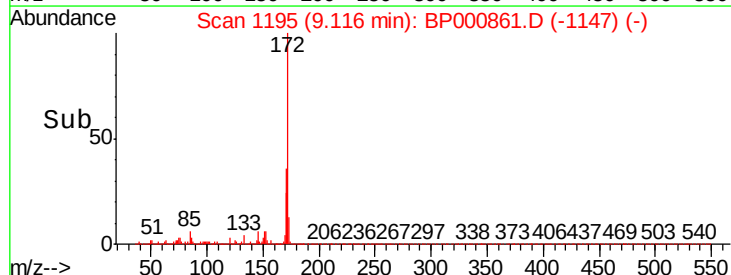
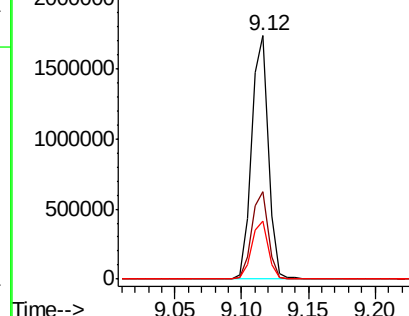


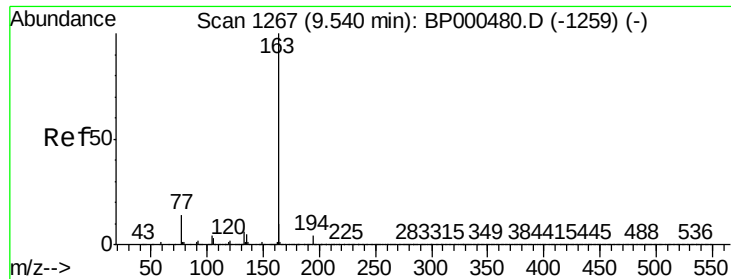
#45
2-Fluorobiphenyl
Concen: 67.403 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

Tgt Ion:172 Resp: 1491325
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.9 19.1 28.7



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

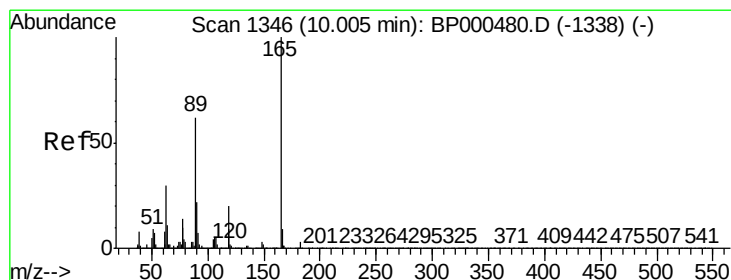
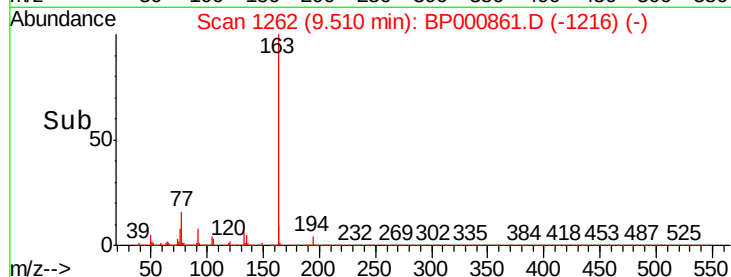
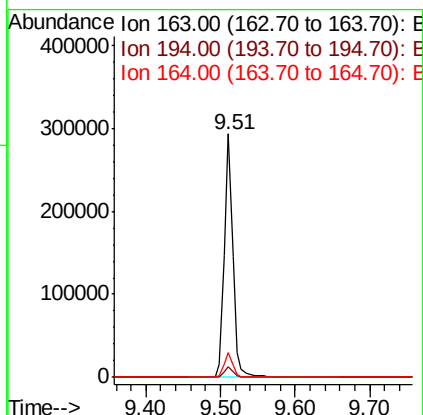
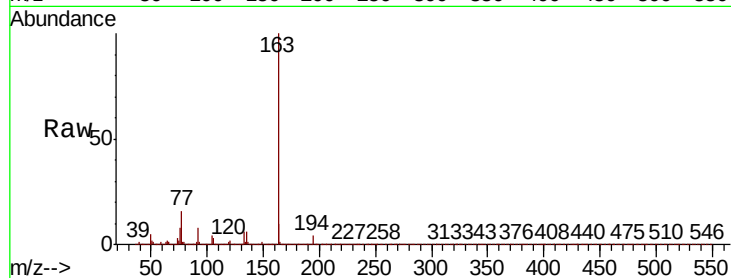




#50
Dimethylphthalate
Concen: 9.403 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

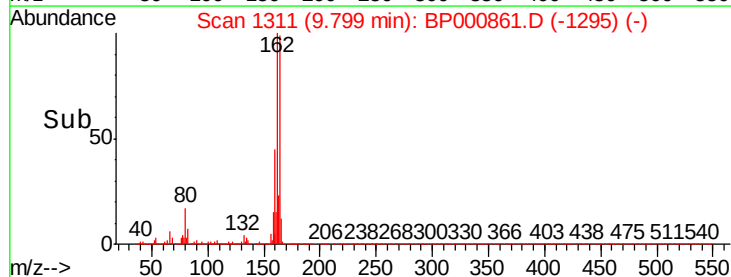
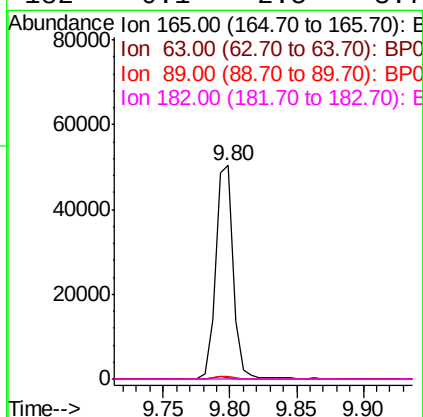
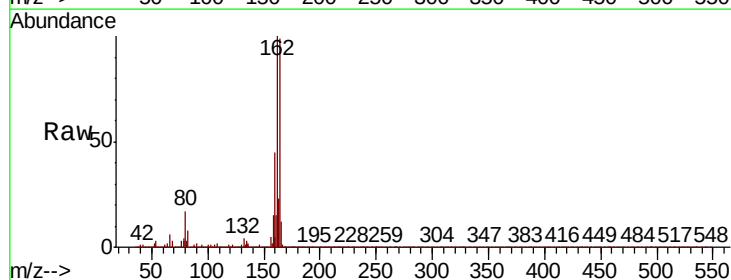
Instrument :
BNA_P
ClientSampleId :
DFTPP

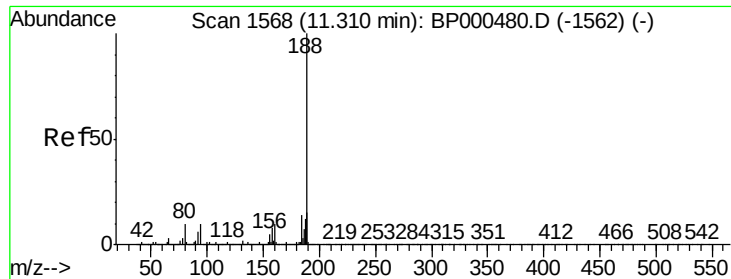
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.424 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	24.2	36.4#
89	1.2	49.4	74.0#
182	0.1	2.5	3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000861.D

Acq: 18 Oct 2019 01:52

Instrument :

BNA_P

ClientSampleId :

DFTPP

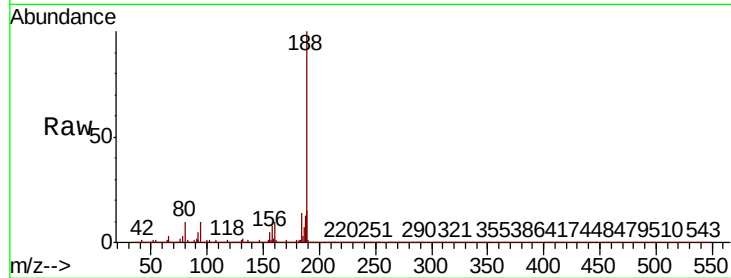
Tot Ion:188 Resp: 659364

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

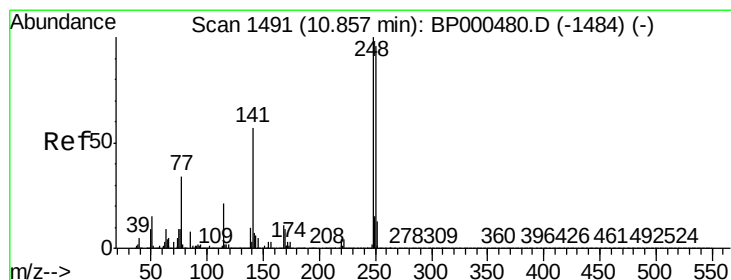
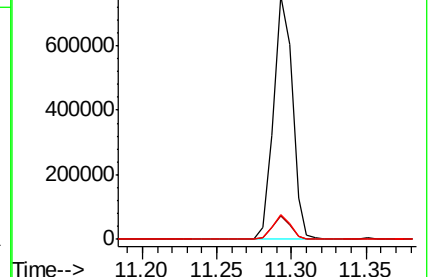
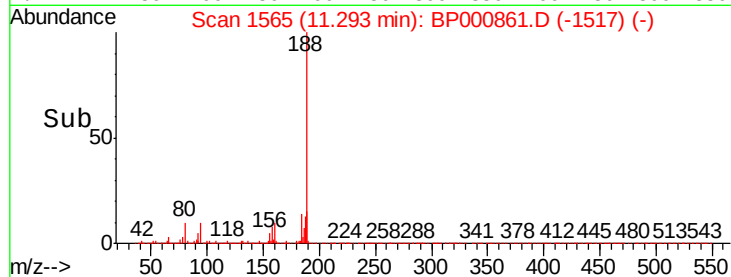
80 10.0 8.3 12.5



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



#67

4-Bromophenyl-phenylether

Concen: 3.470 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000861.D

Acq: 18 Oct 2019 01:52

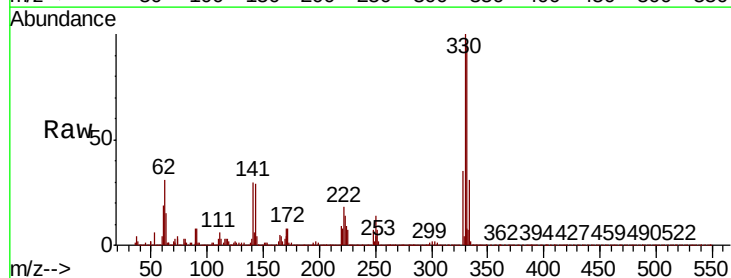
Tgt Ion:248 Resp: 25756

Ion Ratio Lower Upper

248 100

250 199.8 77.2 115.8#

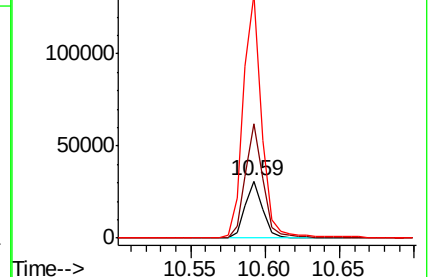
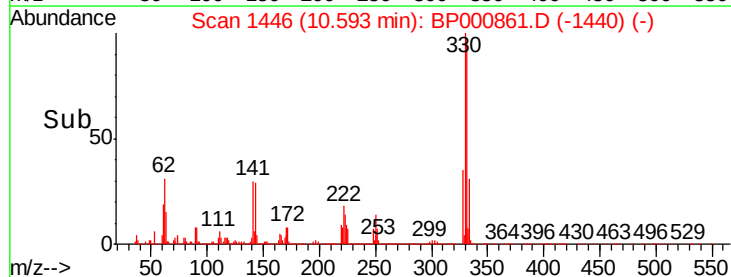
141 427.6 45.3 67.9#

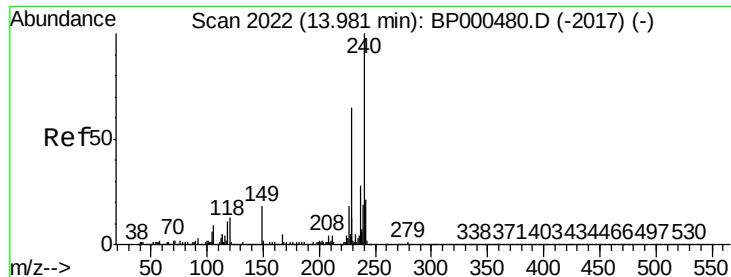


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

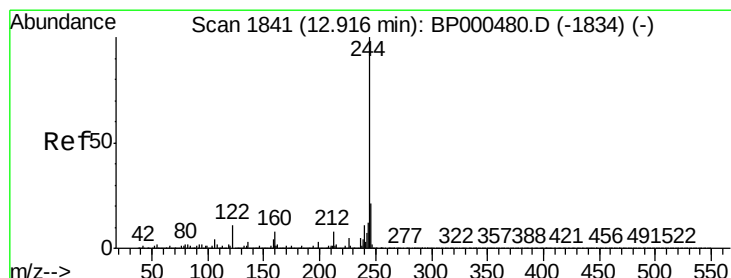
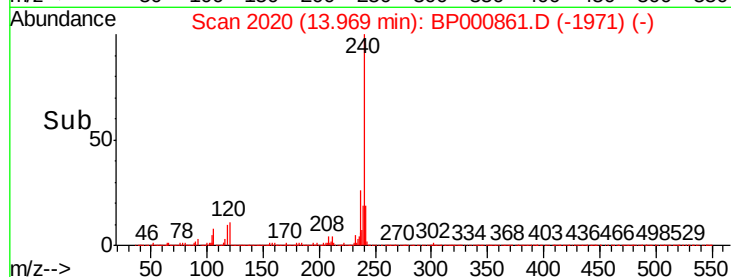
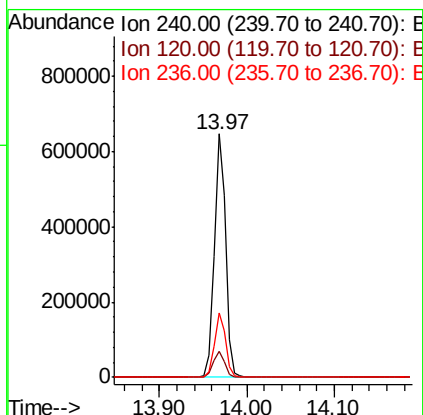
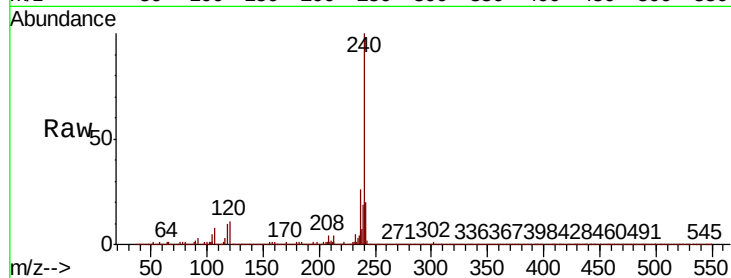




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

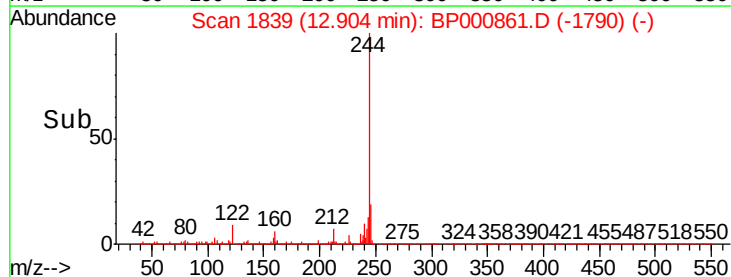
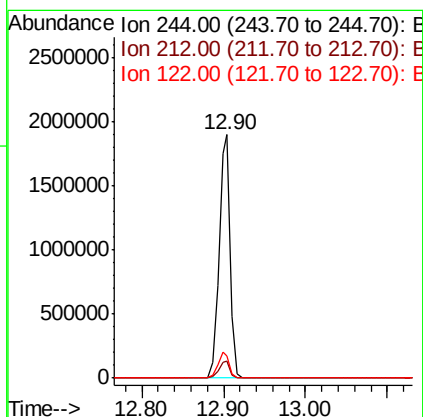
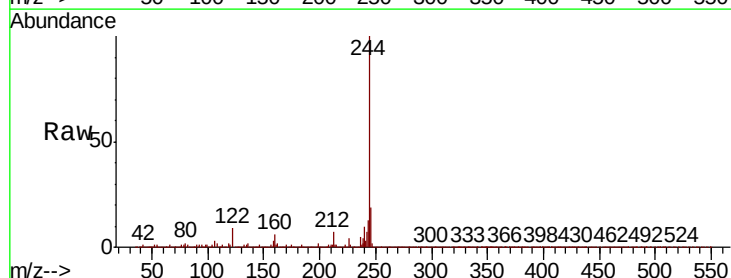
Instrument :
BNA_P
ClientSampleId :
DFTPP

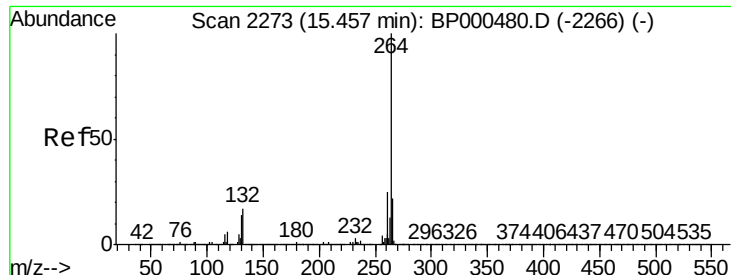
Tot Ion:240 Resp: 579922
Ion Ratio Lower Upper
240 100
120 10.9 10.1 15.1
236 26.3 22.7 34.1



#79
Terphenyl-d14
Concen: 62.261 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000861.D
Acq: 18 Oct 2019 01:52

Tgt Ion:244 Resp: 1783284
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 9.1 8.9 13.3

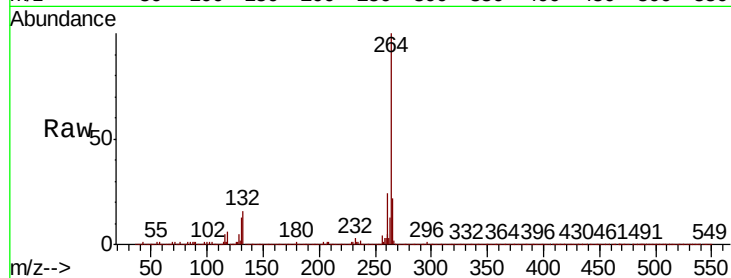




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. -0.01 min
 Lab File: BP000861.D
 Acq: 18 Oct 2019 01:52

Instrument :
 BNA_P
 ClientSampleId :
 DFTPP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	21.9	18.0	27.0



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

