

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000612.D
 Acq On : 10 Oct 2019 13:39
 Operator : JU
 Sample : K5285-15
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-2-D

Quant Time: Oct 11 02:23:11 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

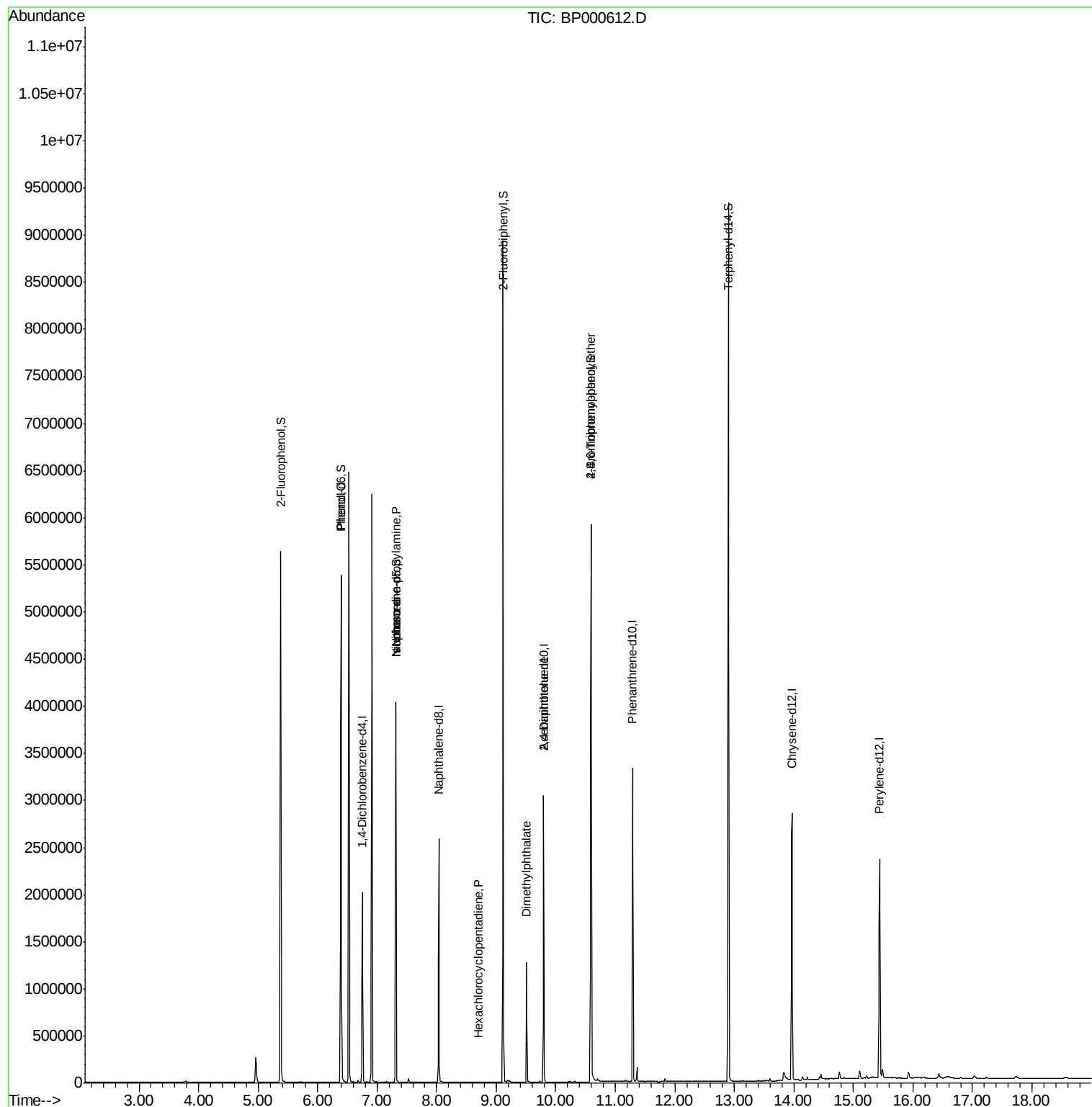
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	280593	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	1040237	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	590619	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1106003	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	948367	20.00	ng	-0.01
87) Perylene-d12	15.44	264	1005844	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1984529	113.69	ng	-0.01
7) Phenol-d6	6.39	99	2582263	122.76	ng	-0.02
23) Nitrobenzene-d5	7.32	82	1439510	84.52	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	792942	125.99	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2845543	77.95	ng	-0.02
79) Terphenyl-d14	12.90	244	3319091	70.86	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	108453	5.036	ng	Qvalue 94
19) n-Nitroso-di-n-propylamine	7.32	70	177165	18.272	ng	# 72
25) Isophorone	7.32	82	1438917	47.602	ng	# 61
41) Hexachlorocyclopentadiene	8.70	237	9	7.298	ng	90
50) Dimethylphthalate	9.51	163	462609	11.272	ng	99
57) 2,4-Dinitrotoluene	9.80	165	77913	6.566	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	54119	4.347	ng	# 1

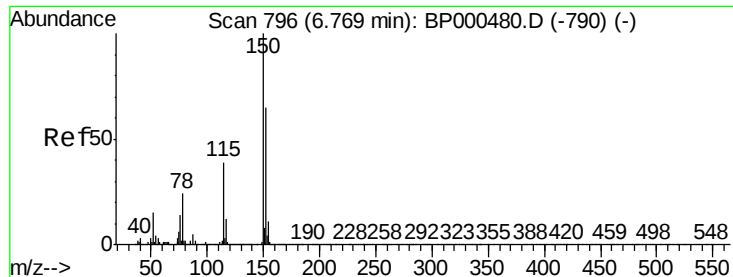
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
Data File : BP000612.D
Acq On : 10 Oct 2019 13:39
Operator : JU
Sample : K5285-15
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2-D

Quant Time: Oct 11 02:23:11 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.75 min Scan# 793

Delta R.T. -0.02 min

Lab File: BP000612.D

Acq: 10 Oct 2019 13:39

Instrument :

BNA_P

ClientSampleId :

TP-2-D

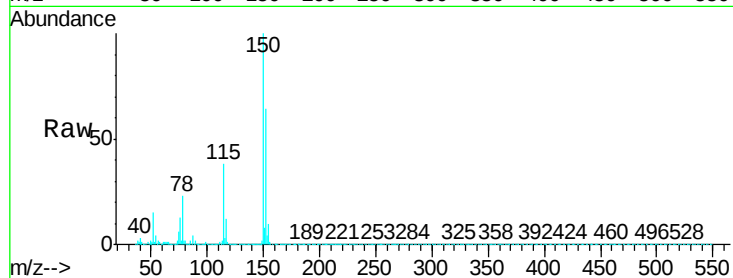
Tgt Ion:152 Resp: 280593

Ion Ratio Lower Upper

152 100

150 156.1 124.1 186.1

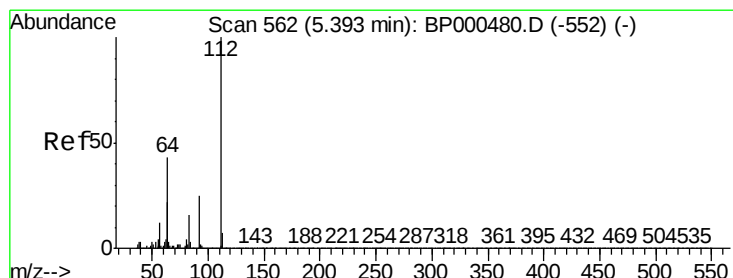
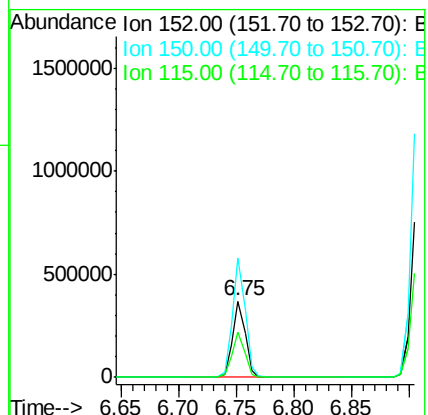
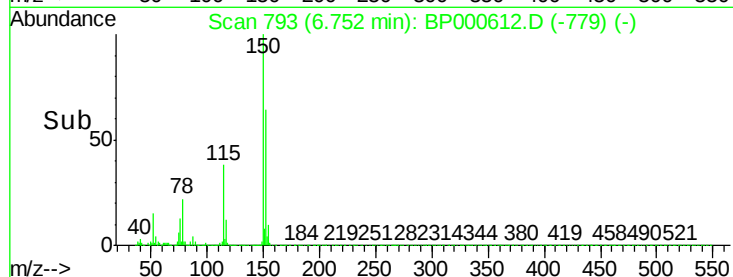
115 58.6 48.7 73.1



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: 113.688 ng

RT: 5.38 min Scan# 560

Delta R.T. -0.01 min

Lab File: BP000612.D

Acq: 10 Oct 2019 13:39

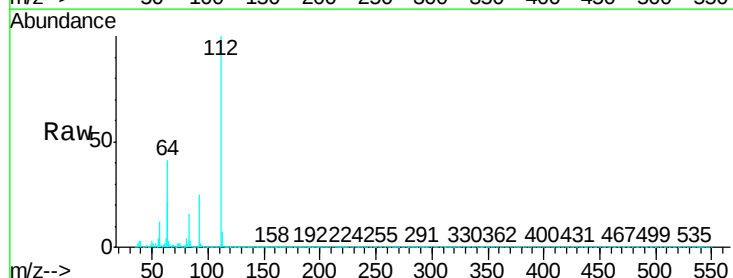
Tgt Ion:112 Resp: 1984529

Ion Ratio Lower Upper

112 100

64 41.4 34.2 51.4

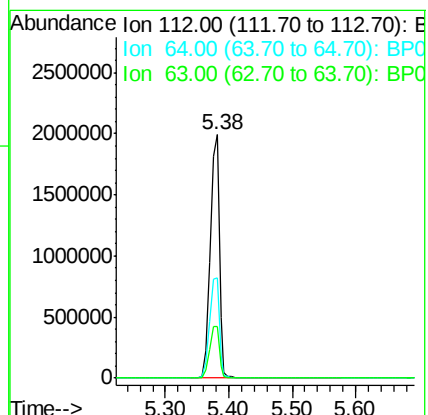
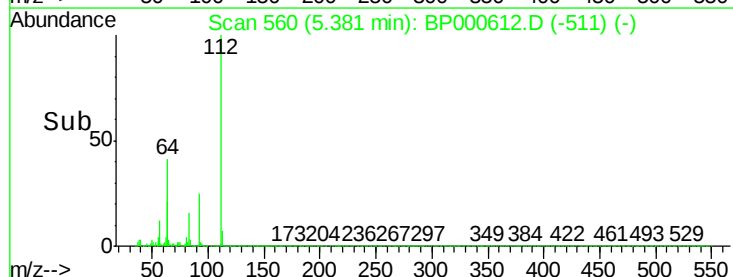
63 21.3 17.9 26.9

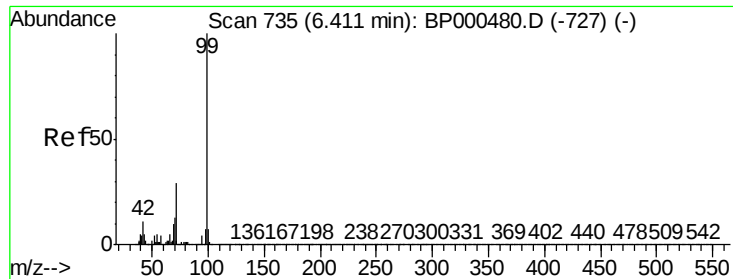


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 122.760 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000612.D

Acq: 10 Oct 2019 13:39

Instrument :

BNA_P

ClientSampleId :

TP-2-D

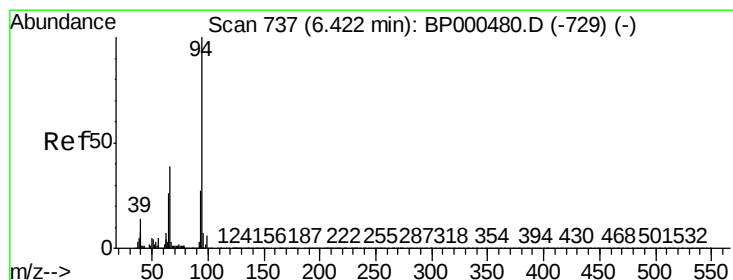
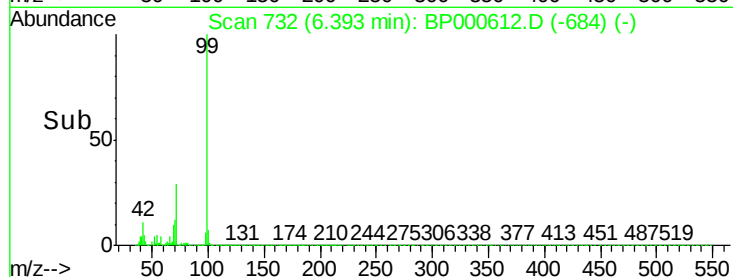
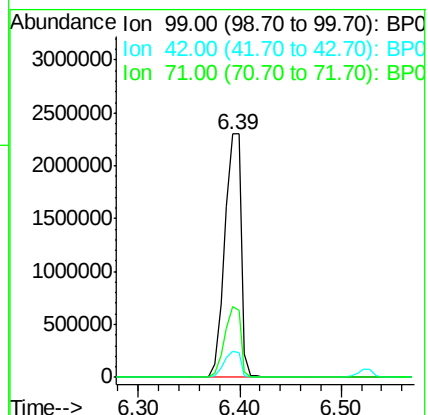
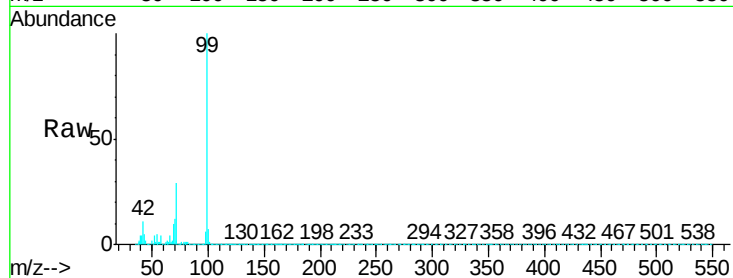
Tgt Ion: 99 Resp: 2582263

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

71 29.1 23.0 34.4



#10

Phenol

Concen: 5.036 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.02 min

Lab File: BP000612.D

Acq: 10 Oct 2019 13:39

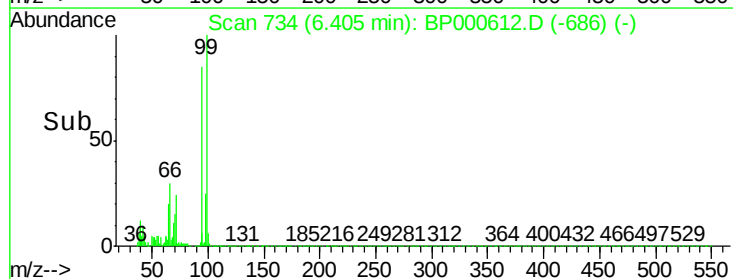
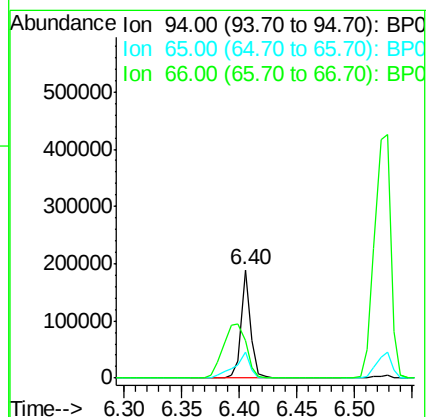
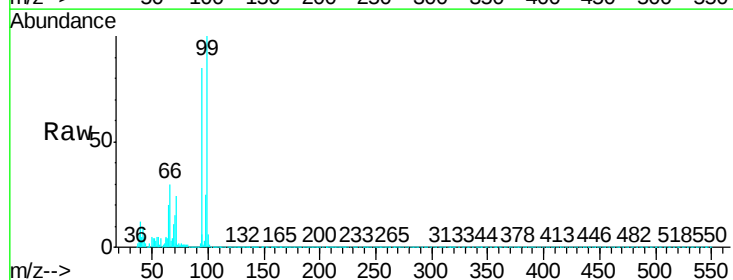
Tgt Ion: 94 Resp: 108453

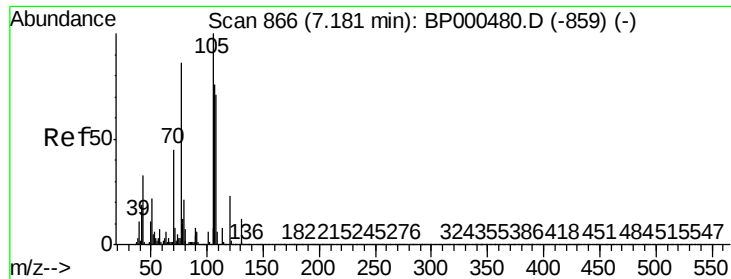
Ion Ratio Lower Upper

94 100

65 23.7 5.9 45.9

66 34.7 18.8 58.8

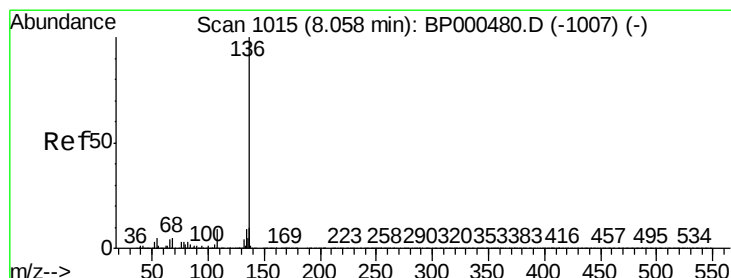
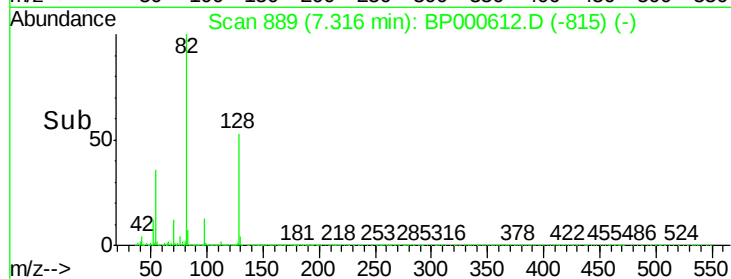
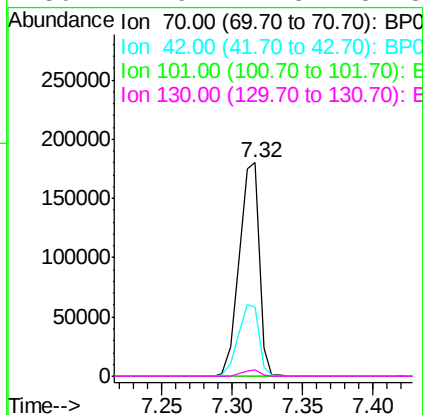
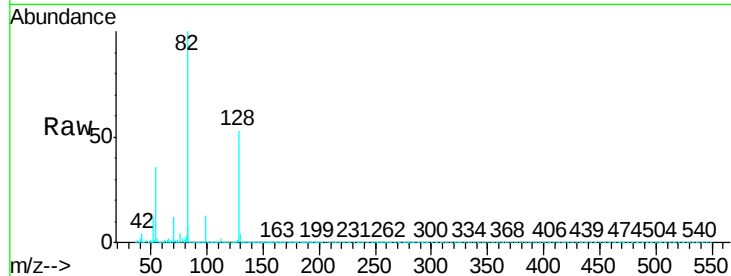




#19
n-Nitroso-di-n-propylamine
Concen: 18.272 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.14 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

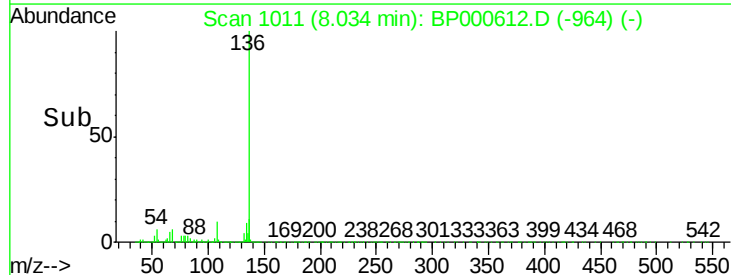
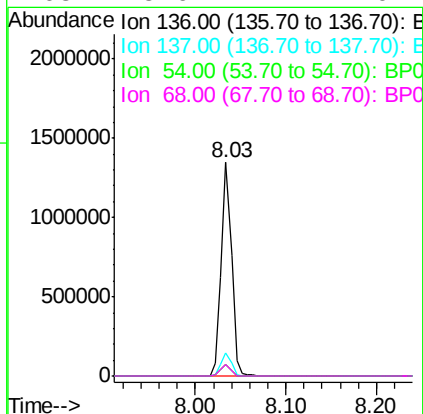
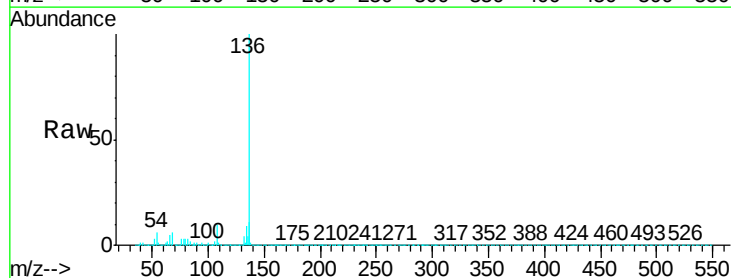
Instrument :
BNA_P
ClientSampleId :
TP-2-D

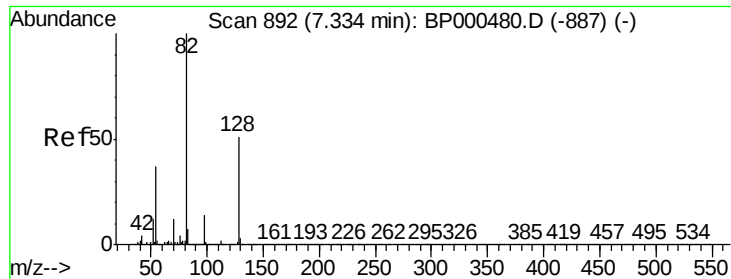
Tgt Ion:	70	Resp:	177165
Ion	Ratio	Lower	Upper
70	100		
42	32.3	33.2	49.8#
101	0.0	9.9	14.9#
130	2.9	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

Tgt Ion:	136	Resp:	1040237
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.2	12.4
54	5.7	4.1	6.1
68	5.6	4.1	6.1

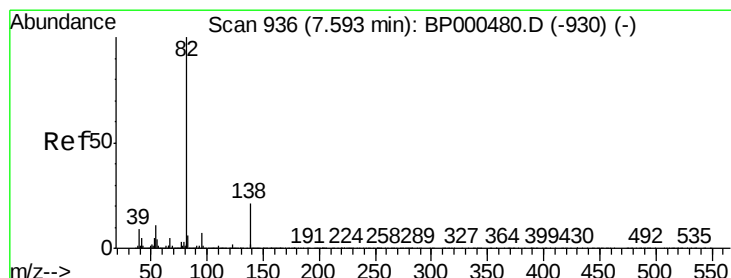
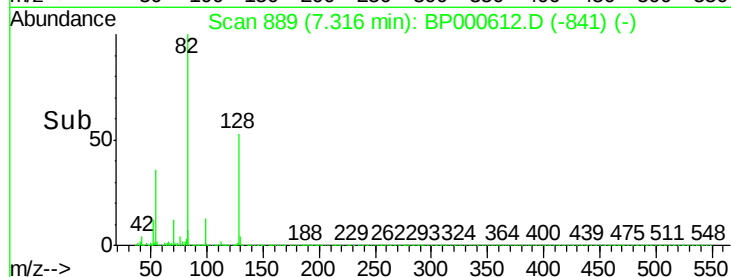
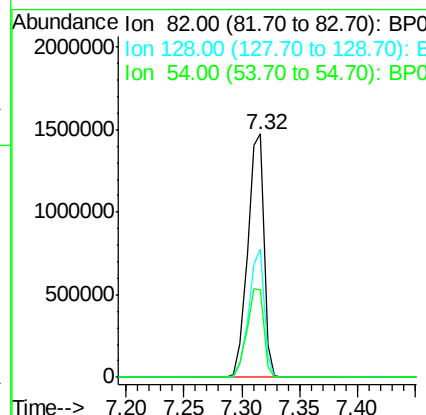
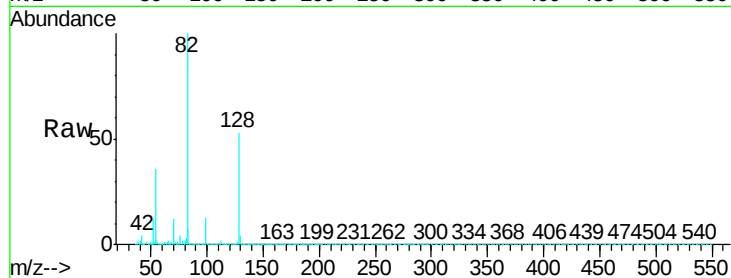




#23
 Nitrobenzene-d5
 Concen: 84.518 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.02 min
 Lab File: BP000612.D
 Acq: 10 Oct 2019 13:39

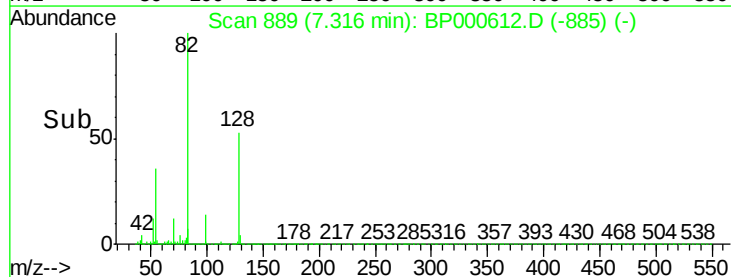
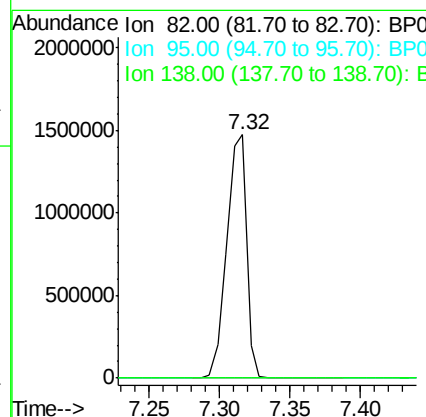
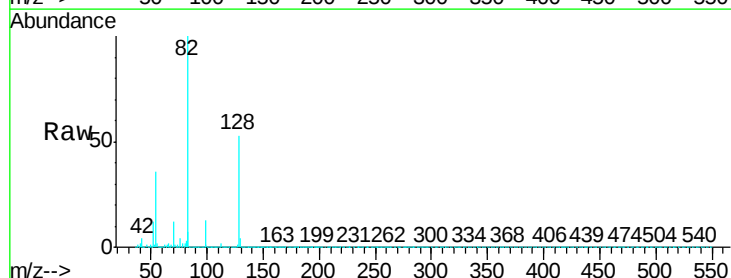
Instrument :
 BNA_P
 ClientSampleId :
 TP-2-D

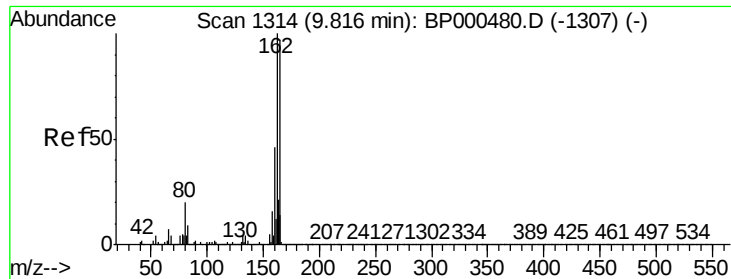
Tgt Ion: 82 Resp: 1439510
 Ion Ratio Lower Upper
 82 100
 128 52.7 40.9 61.3
 54 35.9 29.4 44.2



#25
 Isophorone
 Concen: 47.602 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.28 min
 Lab File: BP000612.D
 Acq: 10 Oct 2019 13:39

Tgt Ion: 82 Resp: 1438917
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#

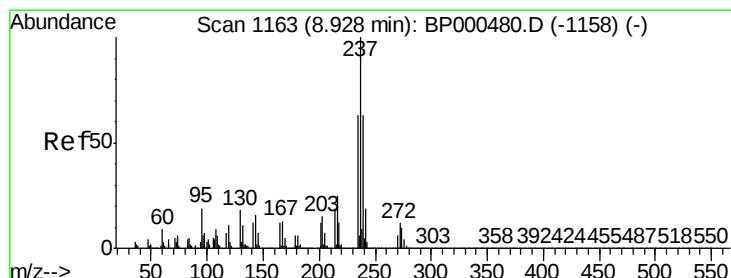
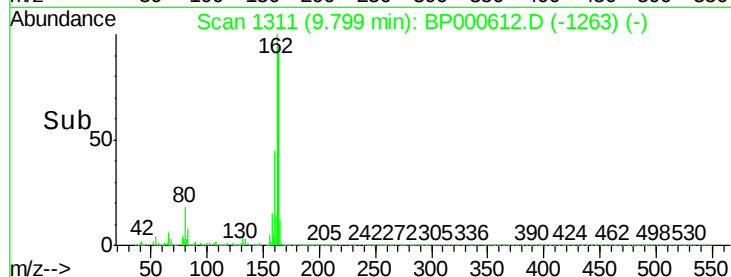
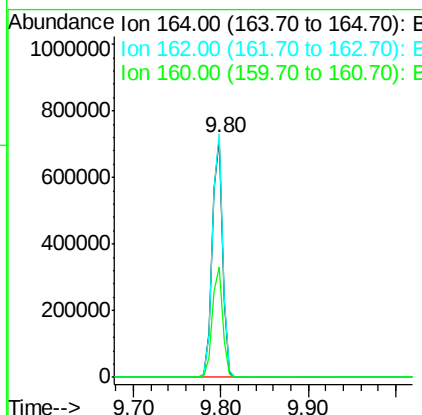
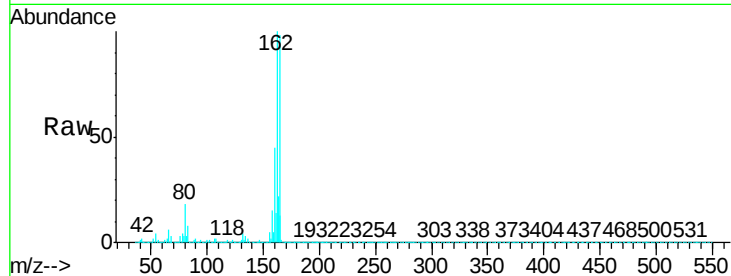




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

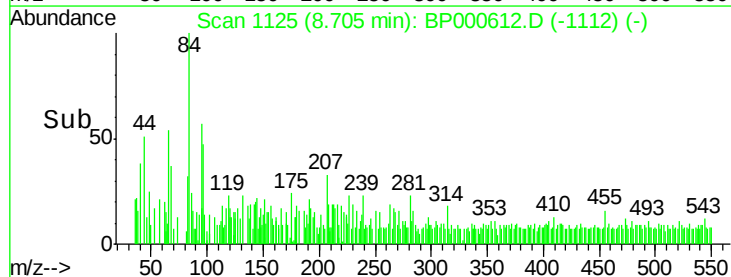
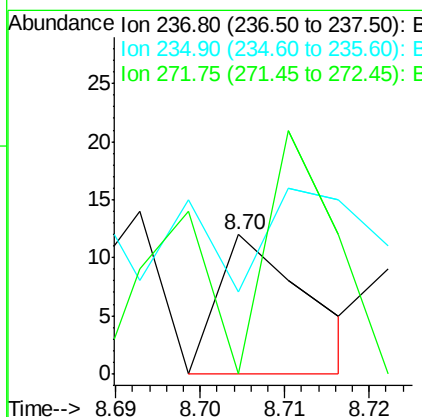
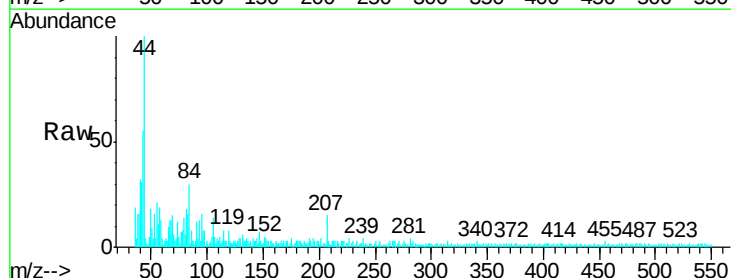
Instrument :
BNA_P
ClientSampleId :
TP-2-D

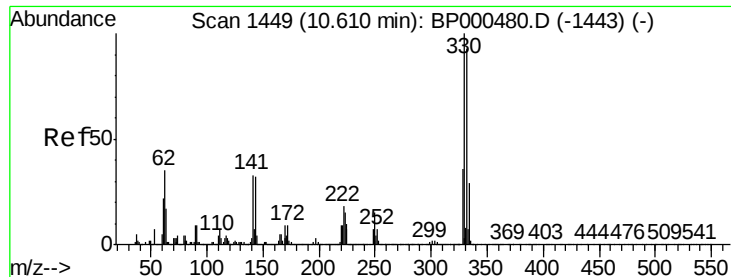
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.2	123.2
160	46.0	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 8.70 min Scan# 1125
Delta R.T. -0.22 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

Tgt Ion	Ratio	Lower	Upper
237	100		
235	58.3	42.9	82.9
272	0.0	0.0	32.4

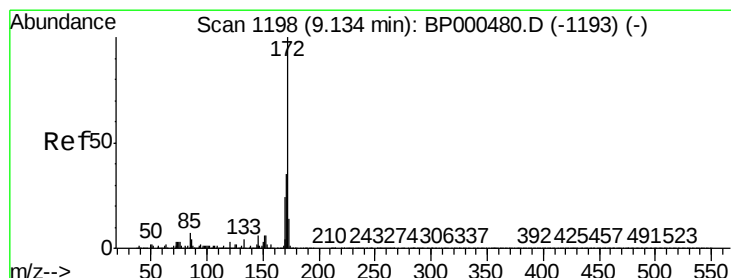
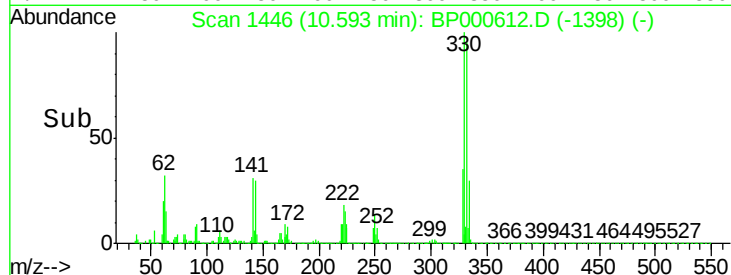
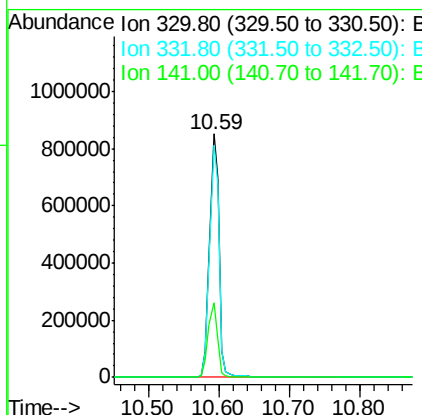
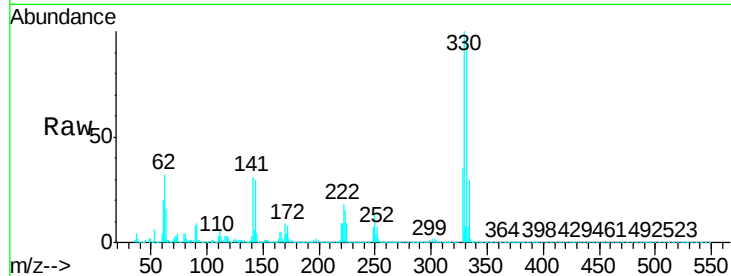




#42
 2,4,6-Tribromophenol
 Concen: 125.989 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.02 min
 Lab File: BP000612.D
 Acq: 10 Oct 2019 13:39

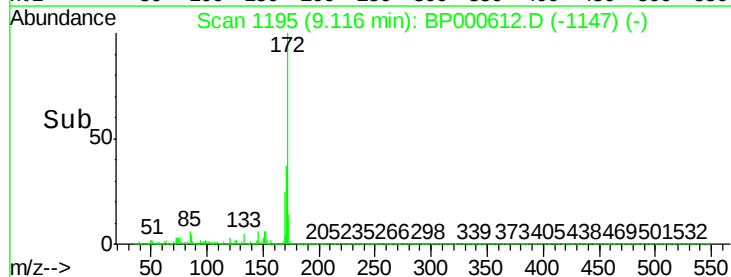
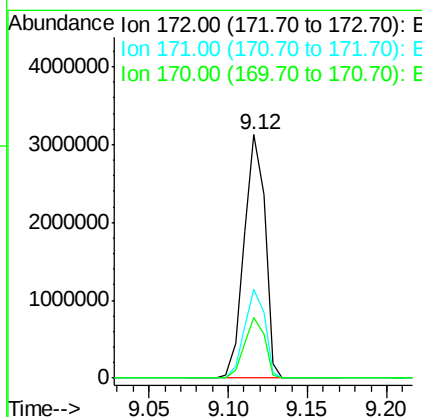
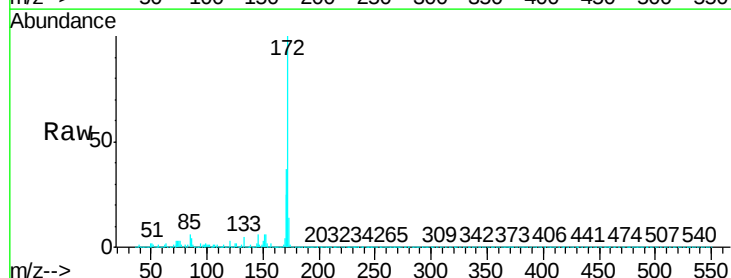
Instrument :
 BNA_P
 ClientSampled :
 TP-2-D

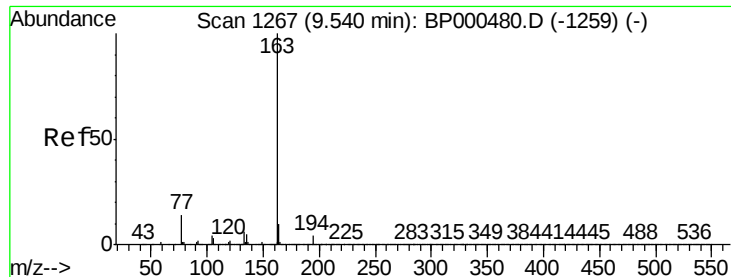
Tgt Ion:330 Resp: 792942
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 30.5 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 77.953 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BP000612.D
 Acq: 10 Oct 2019 13:39

Tgt Ion:172 Resp: 2845543
 Ion Ratio Lower Upper
 172 100
 171 36.7 28.4 42.6
 170 24.7 19.1 28.7

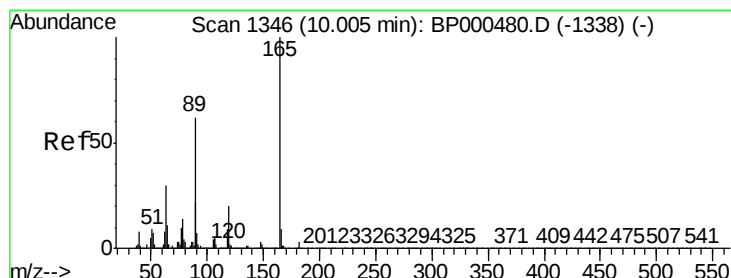
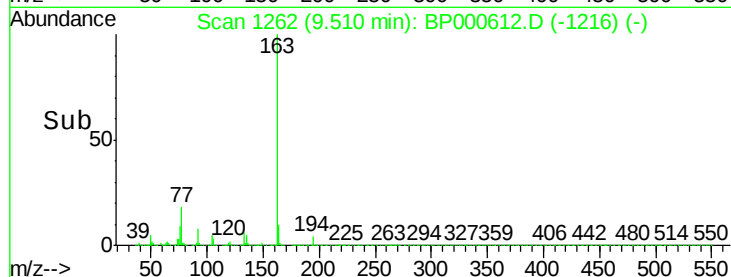
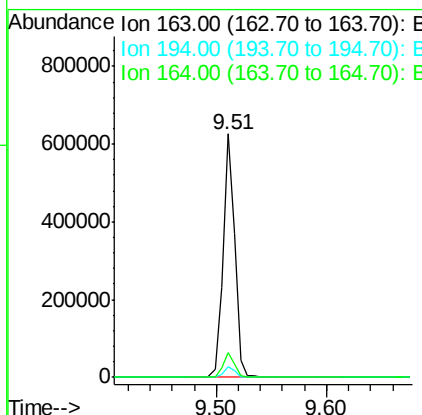
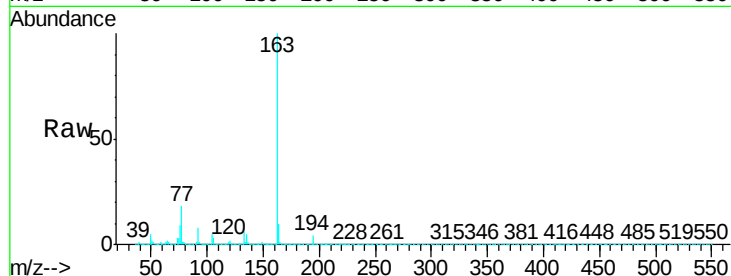




#50
Dimethylphthalate
Concen: 11.272 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

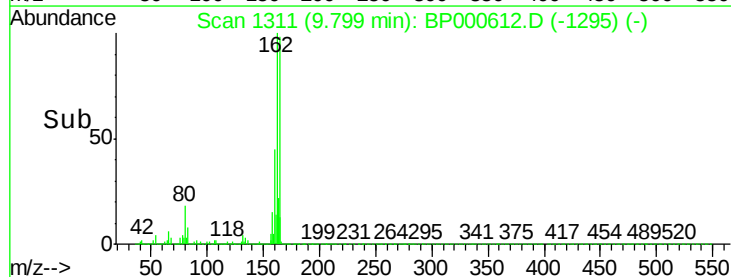
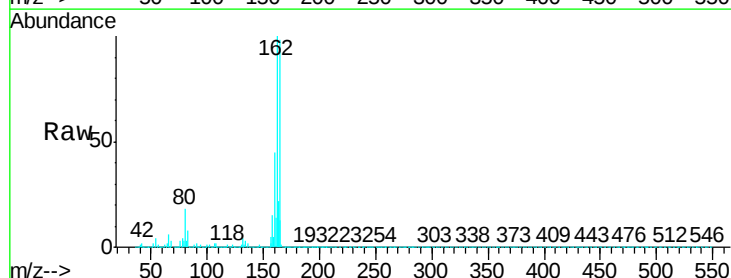
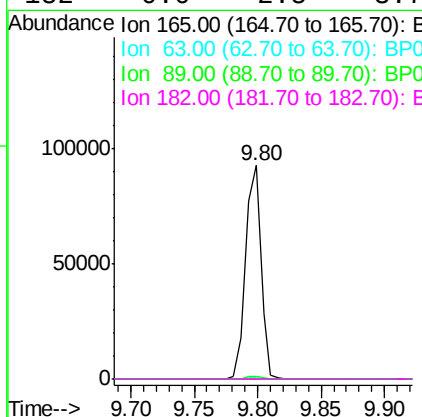
Instrument :
BNA_P
ClientSampleId :
TP-2-D

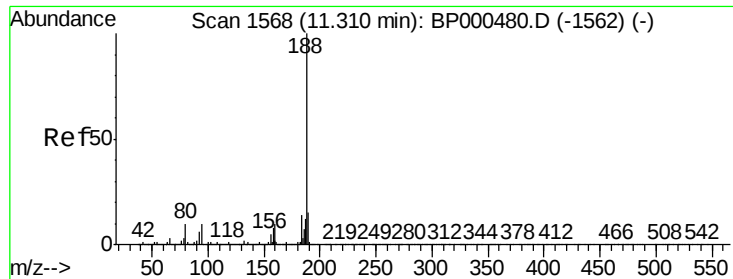
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.566 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.2	49.4	74.0#
182	0.0	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: BP000612.D

Acq: 10 Oct 2019 13:39

Instrument :

BNA_P

ClientSampleId :

TP-2-D

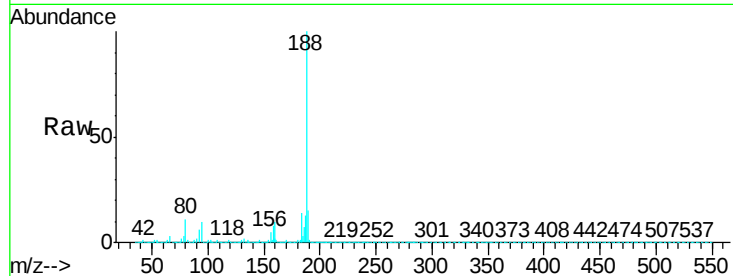
Tgt Ion:188 Resp: 1106003

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

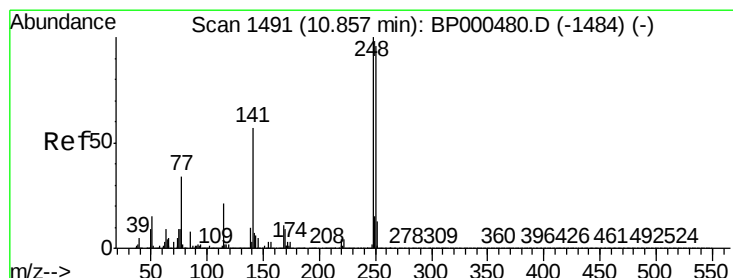
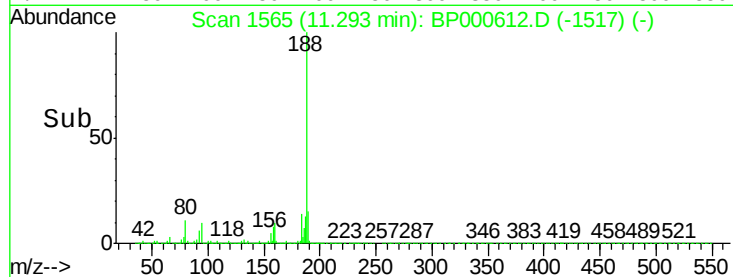
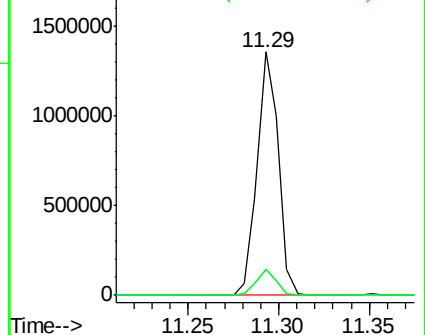
80 10.6 8.3 12.5



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: 4.347 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000612.D

Acq: 10 Oct 2019 13:39

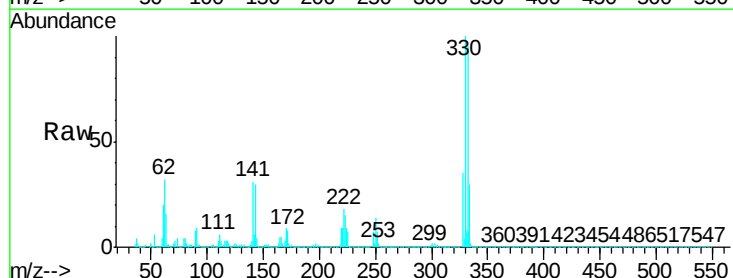
Tgt Ion:248 Resp: 54119

Ion Ratio Lower Upper

248 100

250 197.7 77.2 115.8#

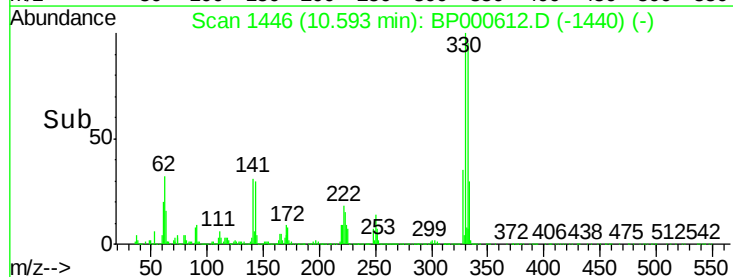
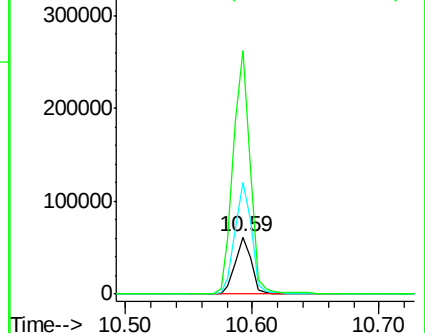
141 428.5 45.3 67.9#

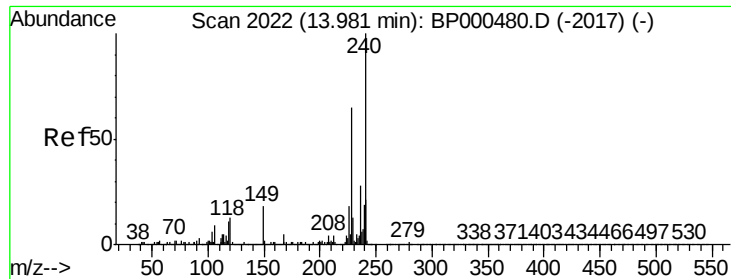


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

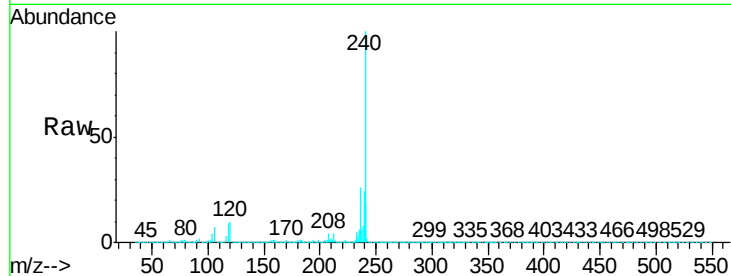




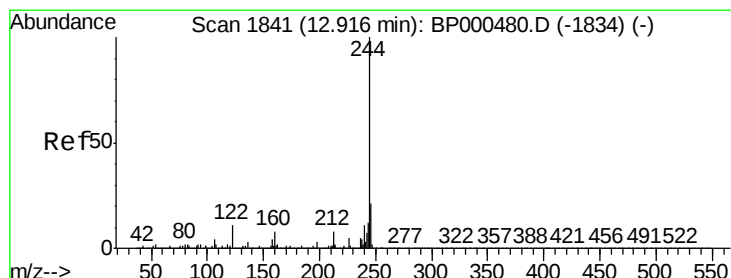
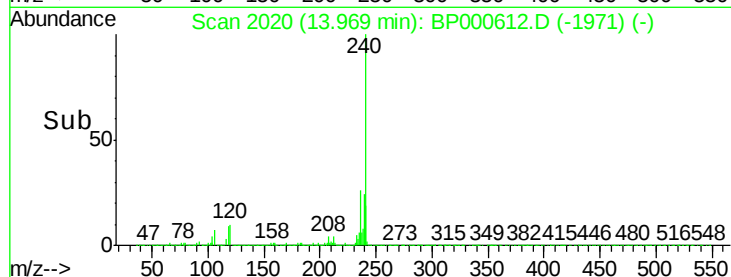
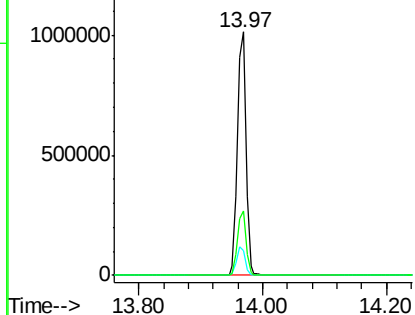
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

Instrument :
BNA_P
ClientSampleId :
TP-2-D

Tgt Ion:240 Resp: 948367
Ion Ratio Lower Upper
240 100
120 10.2 10.1 15.1
236 26.3 22.7 34.1

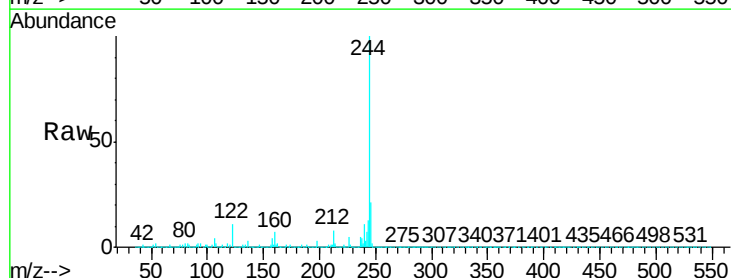


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

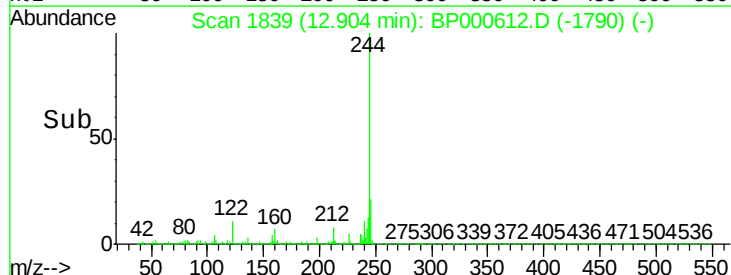
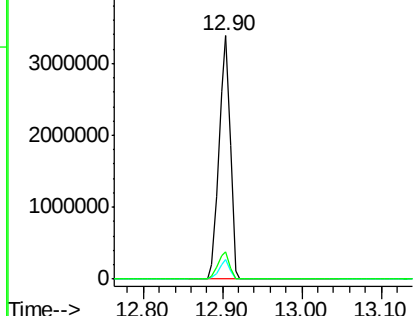


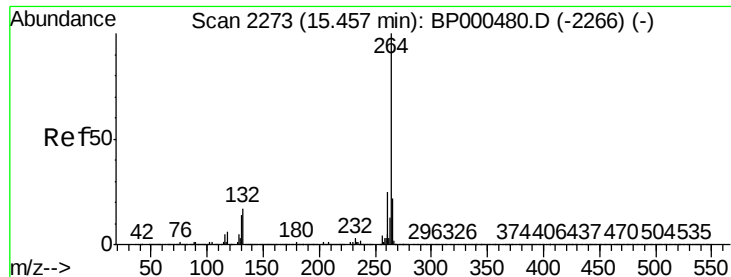
#79
Terphenyl-d14
Concen: 70.861 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

Tgt Ion:244 Resp: 3319091
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 11.1 8.9 13.3



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000612.D
Acq: 10 Oct 2019 13:39

Instrument :
BNA_P
ClientSampleId :
TP-2-D

Tgt Ion:264 Resp: 1005844

Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.3	30.5
265	21.8	18.0	27.0

