

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000634.D
 Acq On : 11 Oct 2019 16:22
 Operator : JU
 Sample : K5266-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:08:32 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

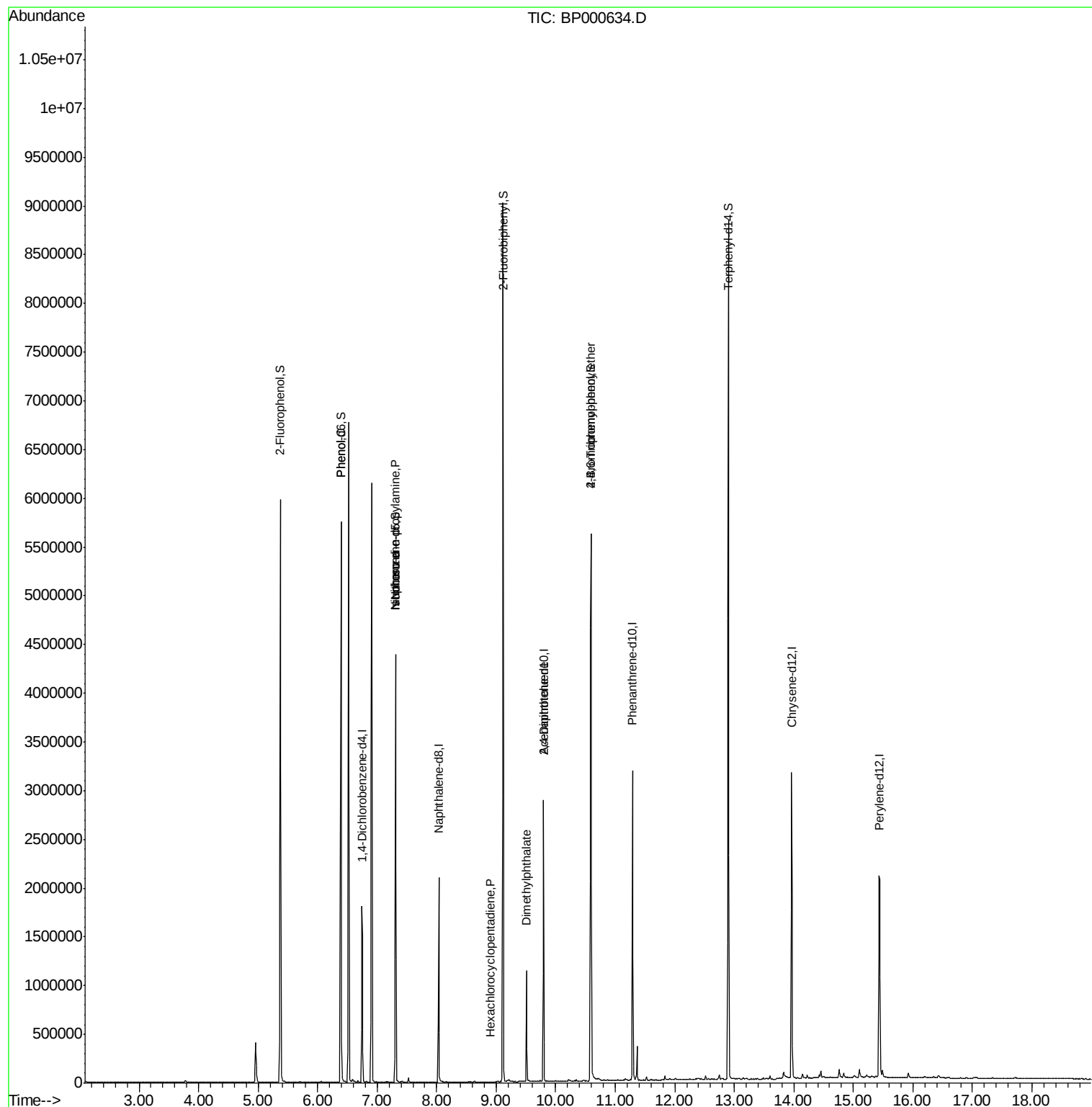
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	273964	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	997299	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	561367	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1070173	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	925955	20.00	ng	-0.02
87) Perylene-d12	15.44	264	981933	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2031925	119.22	ng	-0.02
7) Phenol-d6	6.39	99	2539757	123.66	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1440308	88.21	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	781633	130.66	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2892412	83.37	ng	-0.02
79) Terphenyl-d14	12.90	244	3356478	73.39	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	124232	5.908	ng	88
19) n-Nitroso-di-n-propylamine	7.31	70	178092	18.812	ng	# 73
25) Isophorone	7.31	82	1439817	49.682	ng	# 61
41) Hexachlorocyclopentadiene	8.90	237	7	7.298	ng	93
50) Dimethylphthalate	9.51	163	428570	10.987	ng	100
57) 2,4-Dinitrotoluene	9.79	165	73775	6.541	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	53549	4.445	ng	# 1

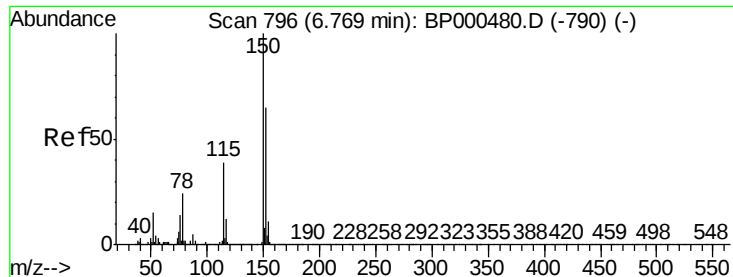
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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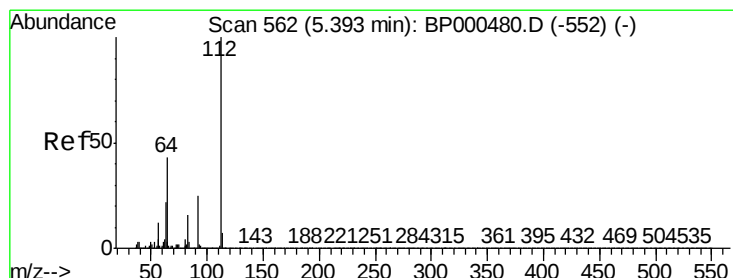
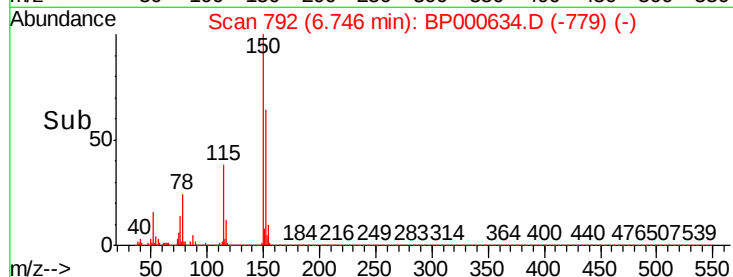
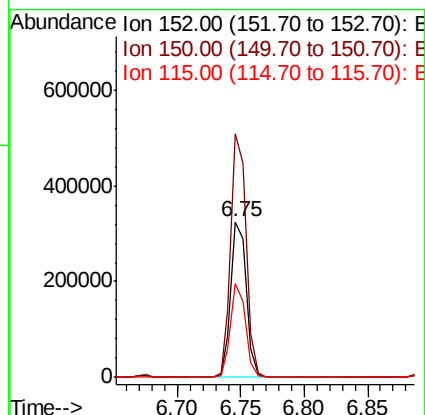
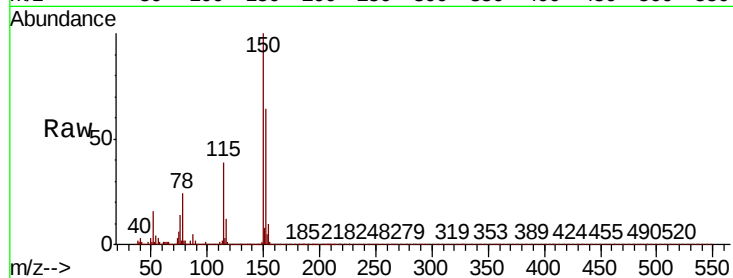


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Instrument :
BNA_P
ClientSampleId :

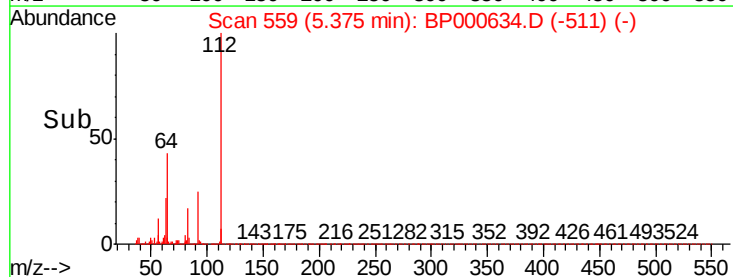
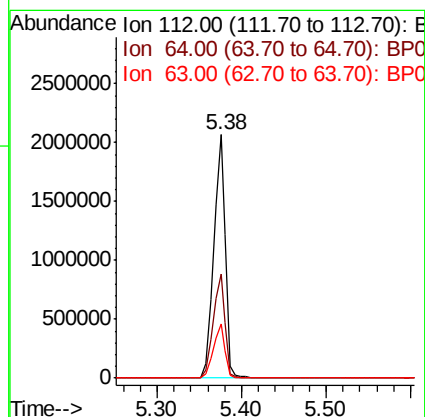
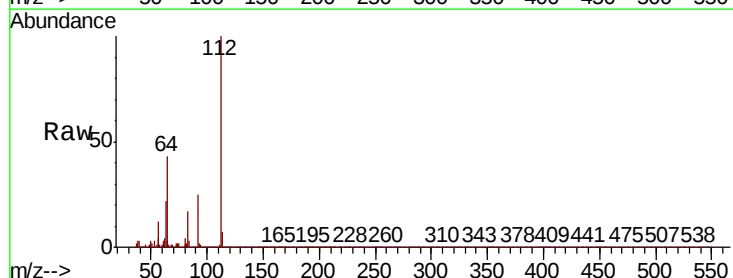
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.1	186.1
115	60.2	48.7	73.1

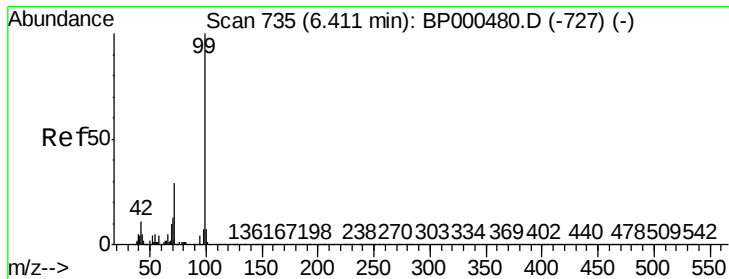


#5

2-Fluorophenol
Concen: 119.220 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.7	34.2	51.4
63	22.1	17.9	26.9





#7

Phenol-d6

Concen: 123.661 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000634.D

Acq: 11 Oct 2019 16:22

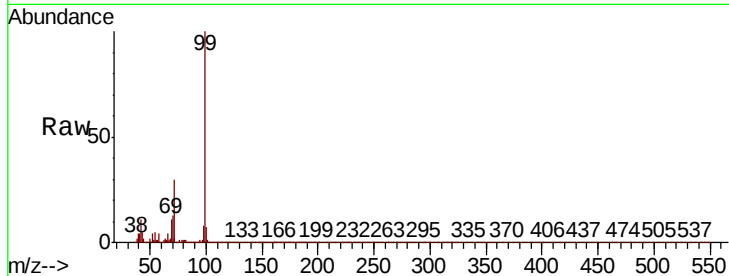
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 2539757

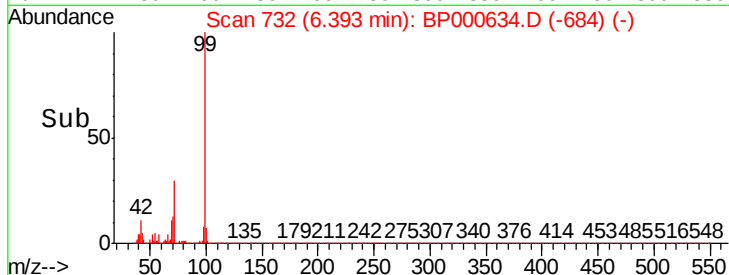
Ion	Ratio	Lower	Upper
99	100		
42	11.0	8.6	12.8
71	30.1	23.0	34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

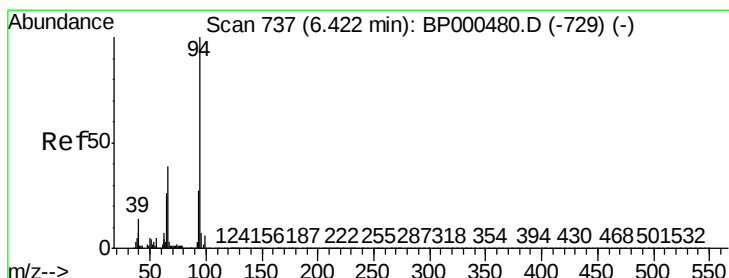
Ion 71.00 (70.70 to 71.70): BP0



6.39

Time-->

6.30 6.40 6.50



#10

Phenol

Concen: 5.908 ng

RT: 6.40 min Scan# 733

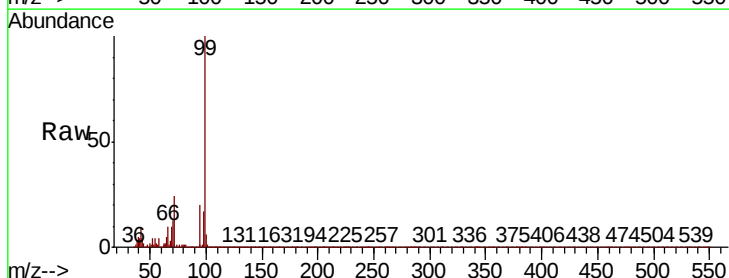
Delta R.T. -0.02 min

Lab File: BP000634.D

Acq: 11 Oct 2019 16:22

Tgt Ion: 94 Resp: 124232

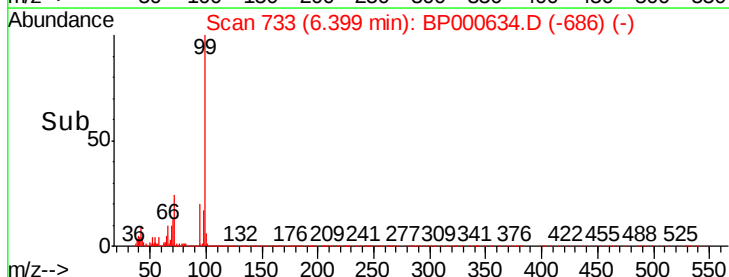
Ion	Ratio	Lower	Upper
94	100		
65	27.4	5.9	45.9
66	49.4	18.8	58.8



Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

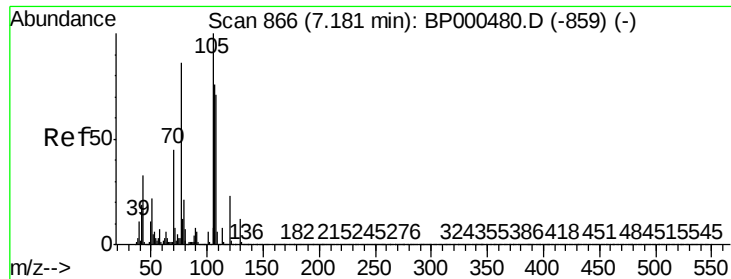
Ion 66.00 (65.70 to 66.70): BP0



6.40

Time-->

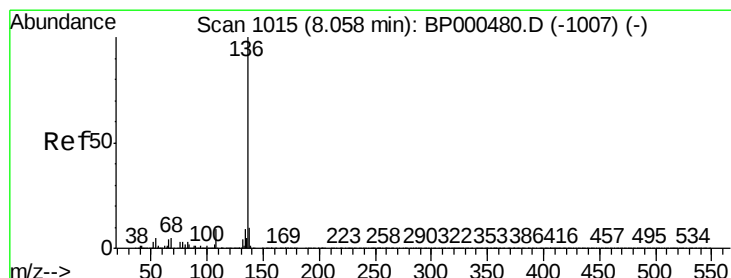
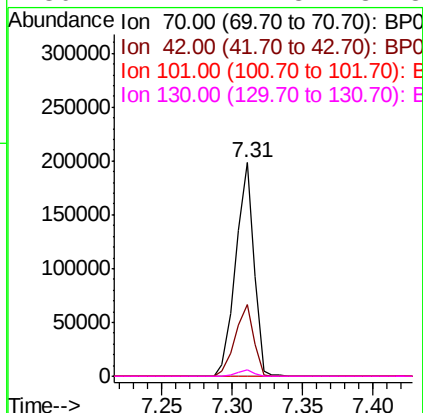
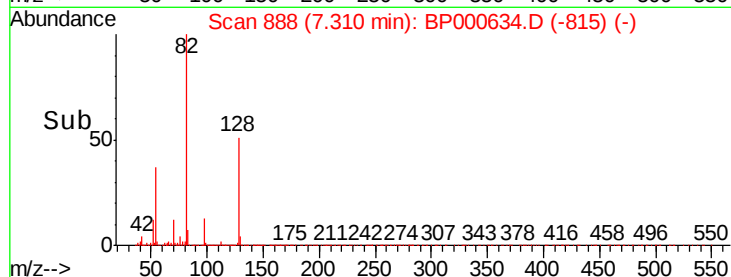
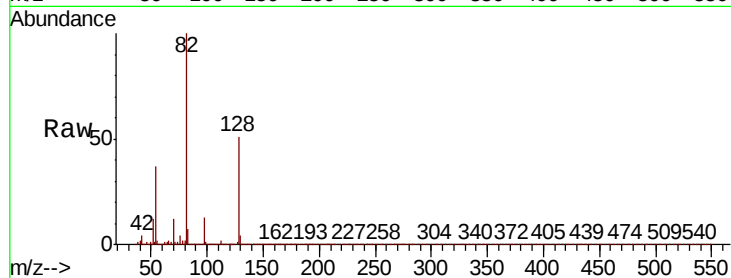
6.30 6.40 6.50



#19
n-Nitroso-di-n-propylamine
Concen: 18.812 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

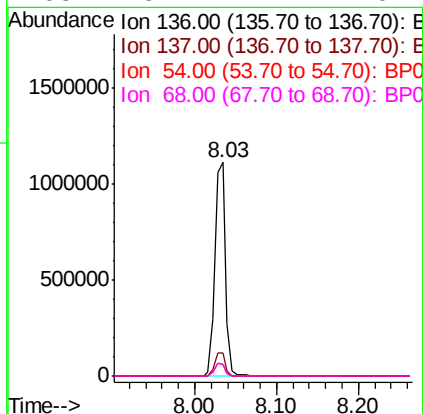
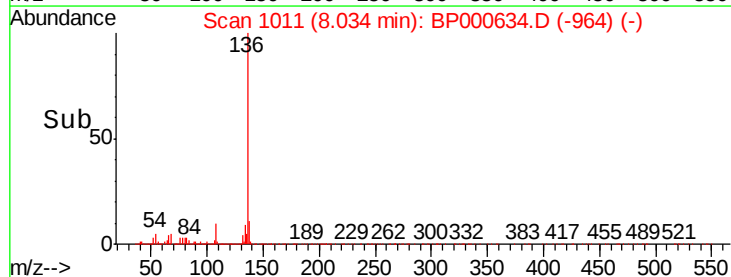
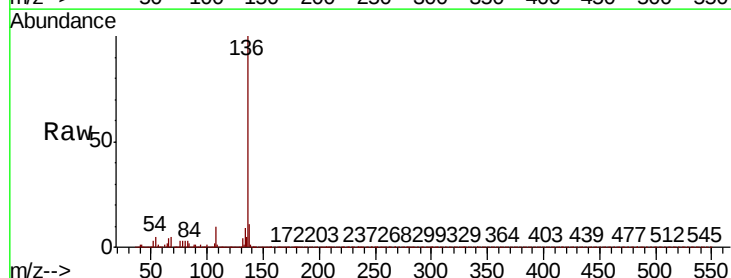
Instrument :
BNA_P
ClientSampleId :

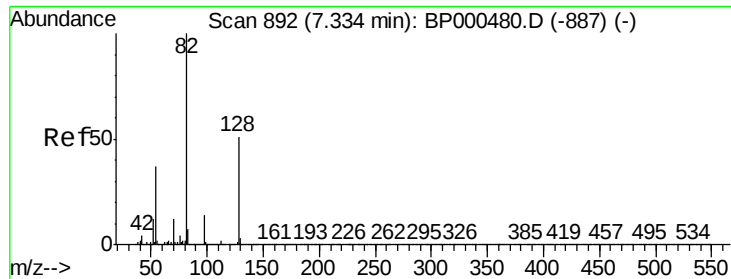
Tot Ion: 70 Resp: 178092
Ion Ratio Lower Upper
70 100
42 33.7 33.2 49.8
101 0.0 9.9 14.9#
130 2.7 21.8 32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Tgt Ion:136 Resp: 997299
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.4
54 5.2 4.1 6.1
68 5.2 4.1 6.1

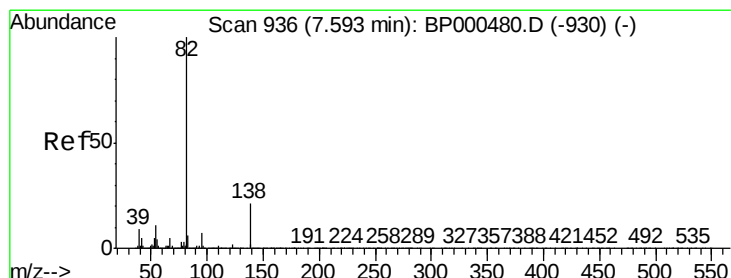
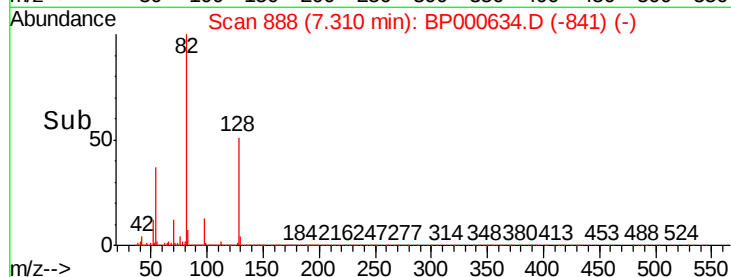
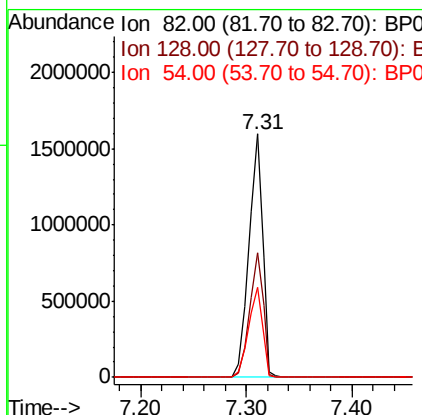
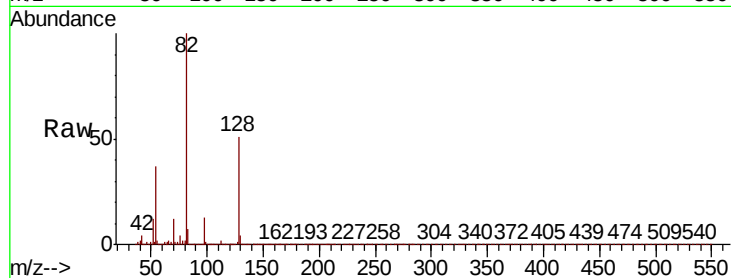




#23
Nitrobenzene-d5
Concen: 88.206 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

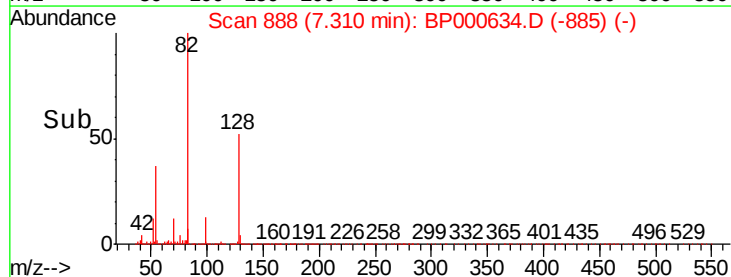
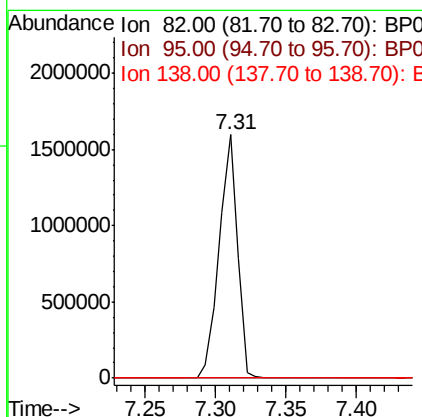
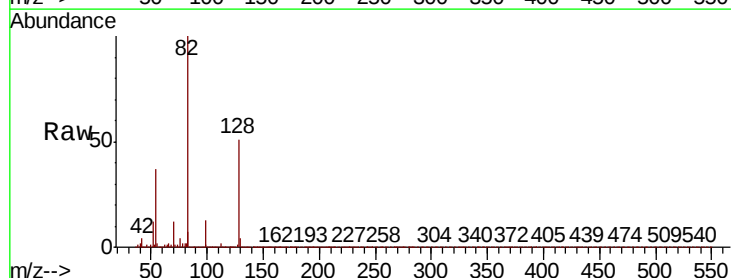
Instrument :
BNA_P
ClientSampleId :

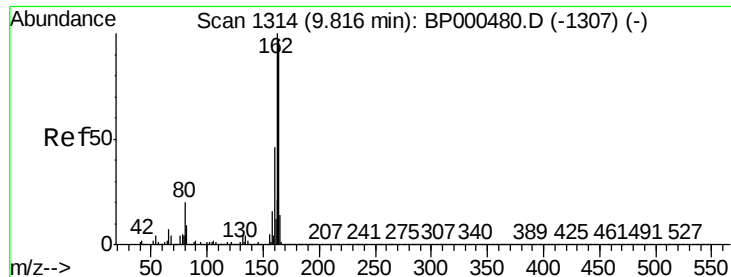
Tot Ion: 82 Resp: 1440308
Ion Ratio Lower Upper
82 100
128 51.1 40.9 61.3
54 37.2 29.4 44.2



#25
Isophorone
Concen: 49.682 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Tgt Ion: 82 Resp: 1439817
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 17.0 25.4#

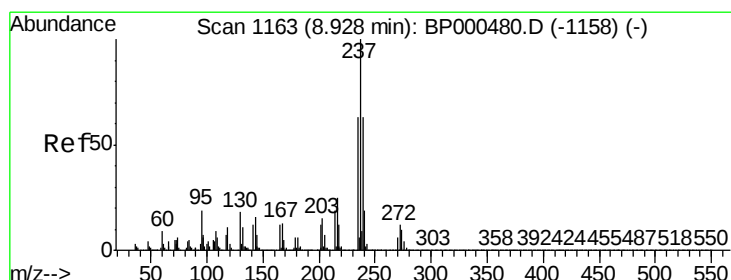
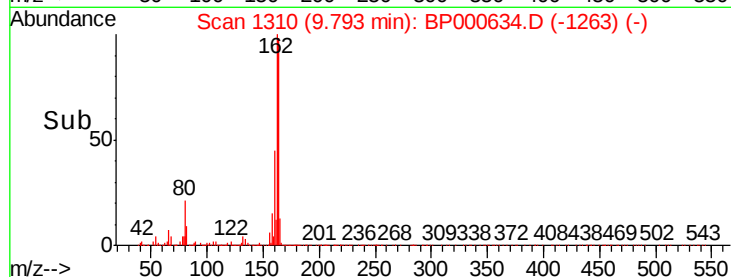
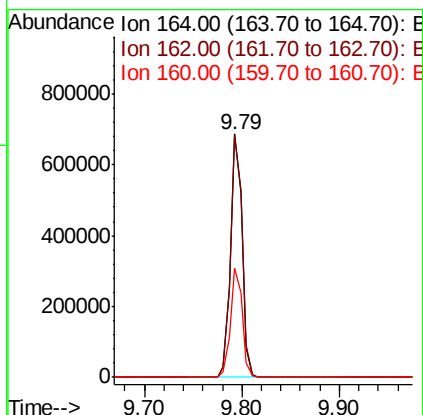
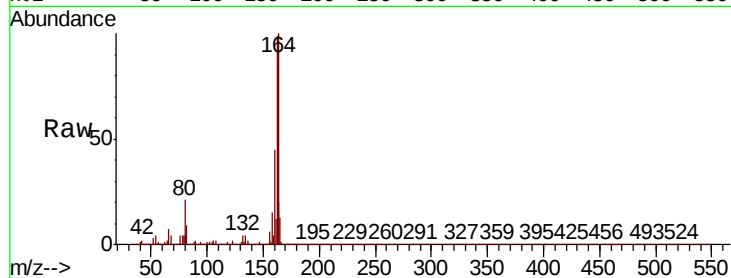




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

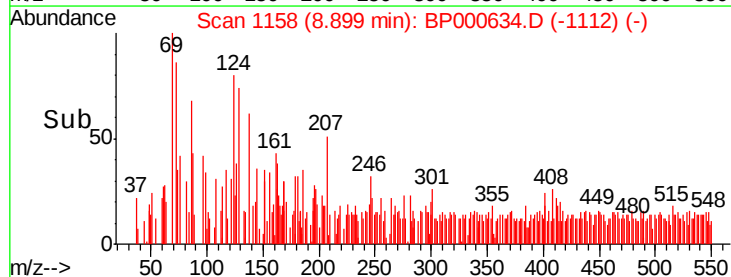
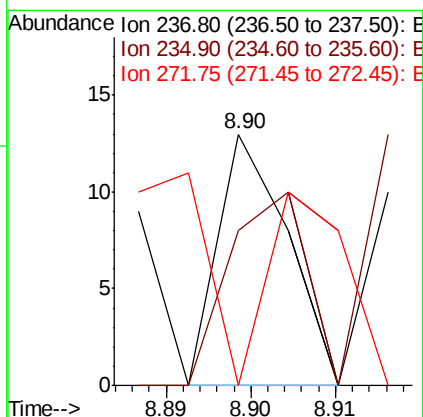
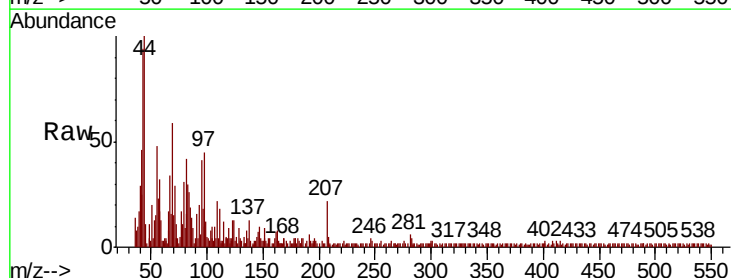
Instrument :
BNA_P
ClientSampleId :

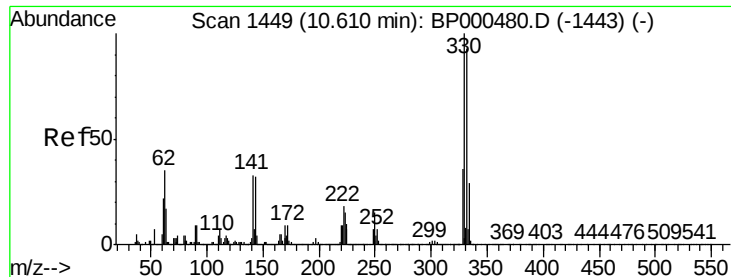
Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.2	123.2
160	44.7	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 8.90 min Scan# 1158
Delta R.T. -0.03 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.9	82.9
272	0.0	0.0	32.4





#42

2,4,6-Tribromophenol

Concen: 130.664 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000634.D

Acq: 11 Oct 2019 16:22

Instrument :

BNA_P

ClientSampled :

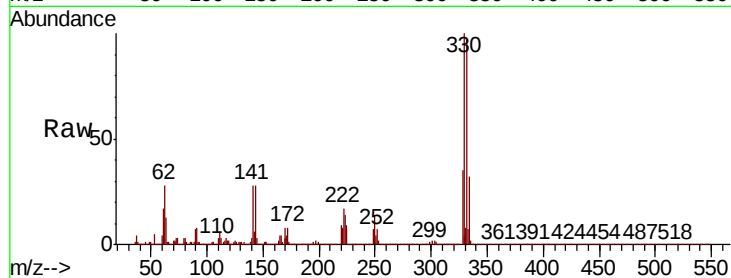
Tot Ion:330 Resp: 781633

Ion Ratio Lower Upper

330 100

332 95.3 77.1 115.7

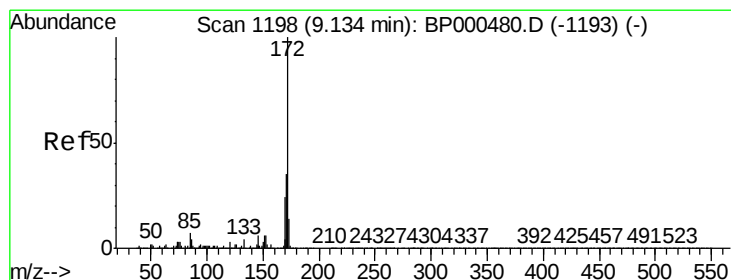
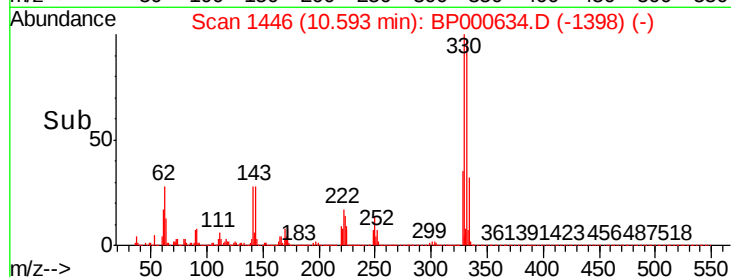
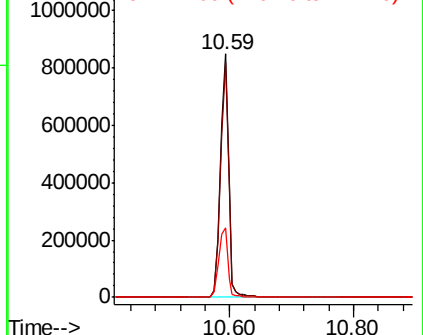
141 31.3 26.0 39.0



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: 83.366 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BP000634.D

Acq: 11 Oct 2019 16:22

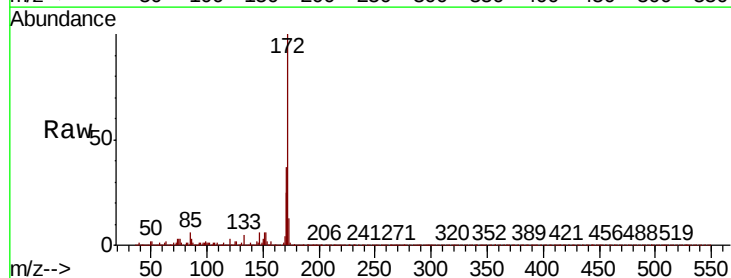
Tgt Ion:172 Resp: 2892412

Ion Ratio Lower Upper

172 100

171 37.1 28.4 42.6

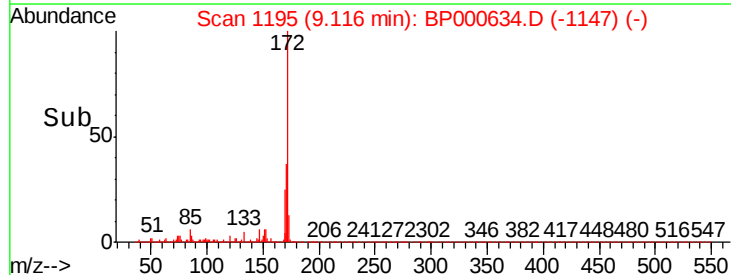
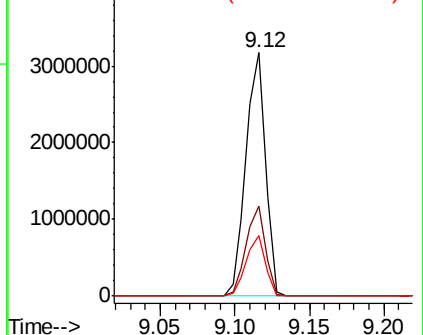
170 25.0 19.1 28.7

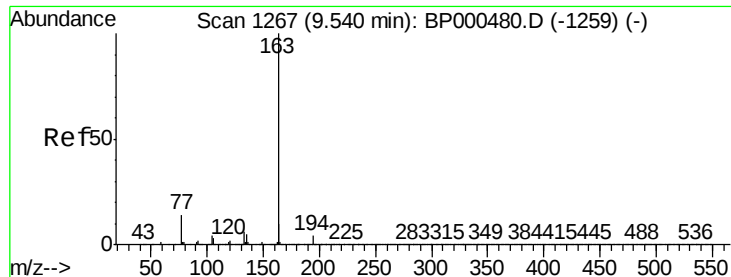


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

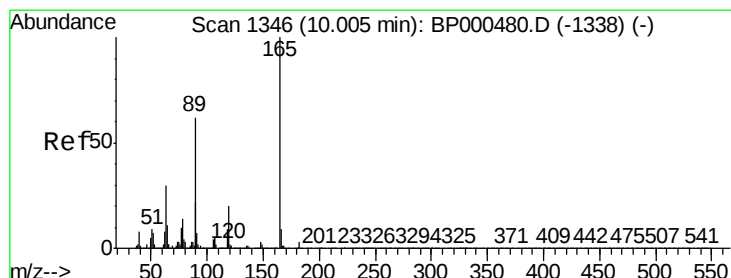
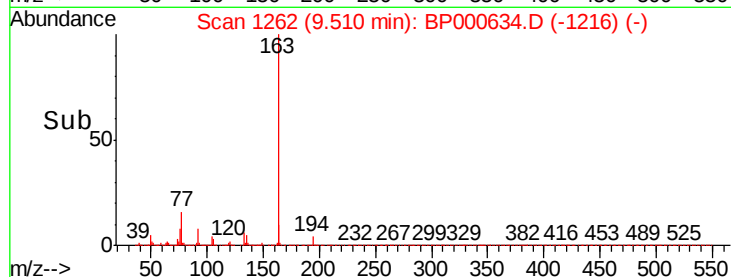
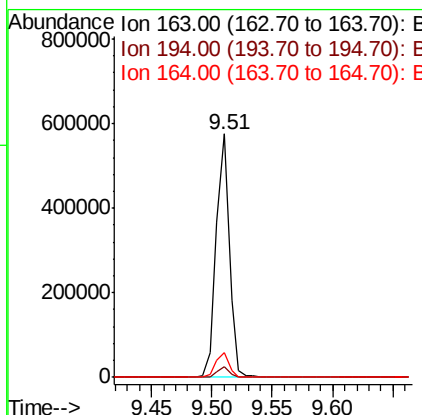
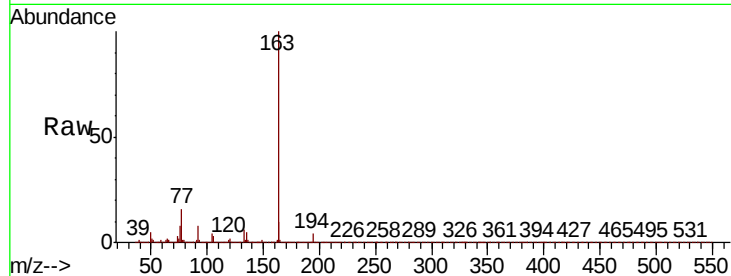




#50
Dimethylphthalate
Concen: 10.987 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

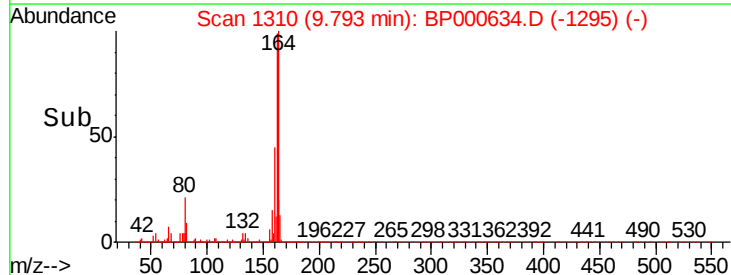
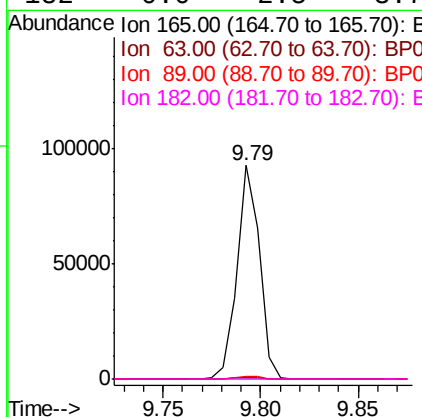
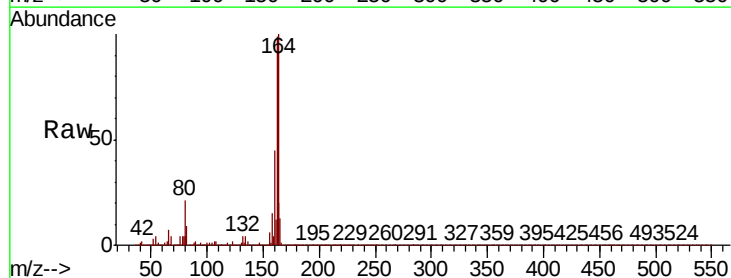
Instrument :
BNA_P
ClientSampleId :

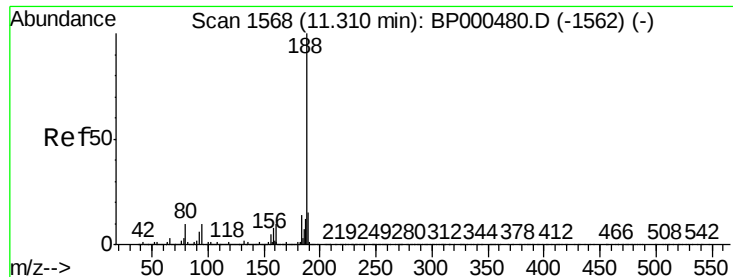
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.1	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.541 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.1	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: BP000634.D

Acq: 11 Oct 2019 16:22

Instrument :

BNA_P

ClientSampleId :

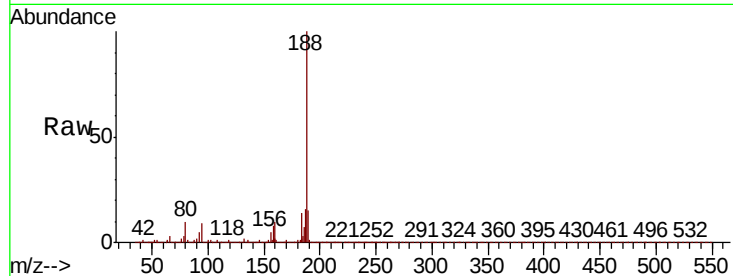
Tot Ion:188 Resp: 1070173

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

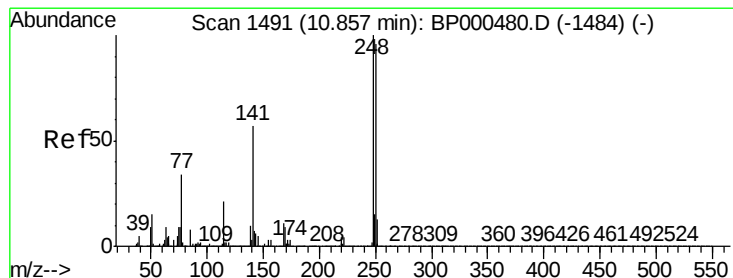
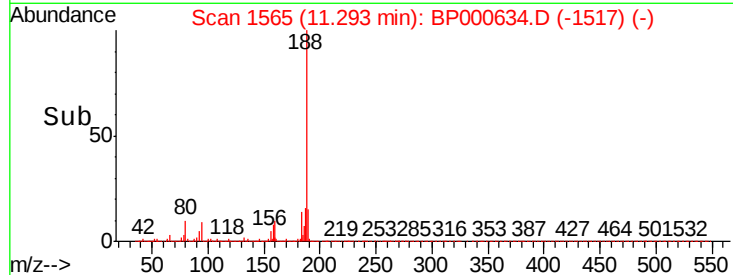
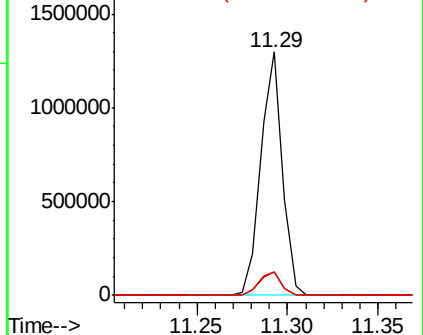
80 9.6 8.3 12.5



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: 4.445 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000634.D

Acq: 11 Oct 2019 16:22

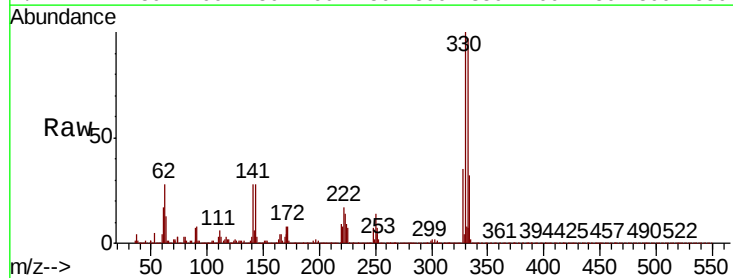
Tgt Ion:248 Resp: 53549

Ion Ratio Lower Upper

248 100

250 204.5 77.2 115.8#

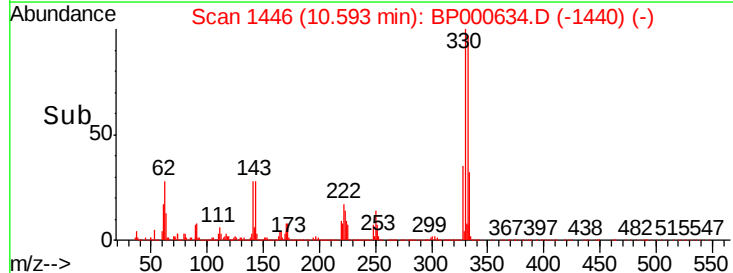
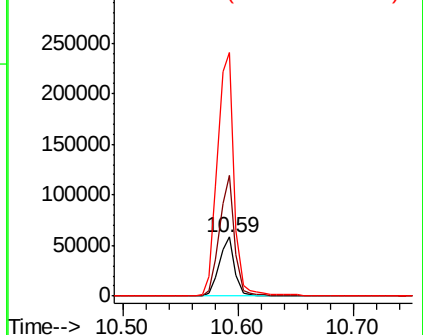
141 414.3 45.3 67.9#

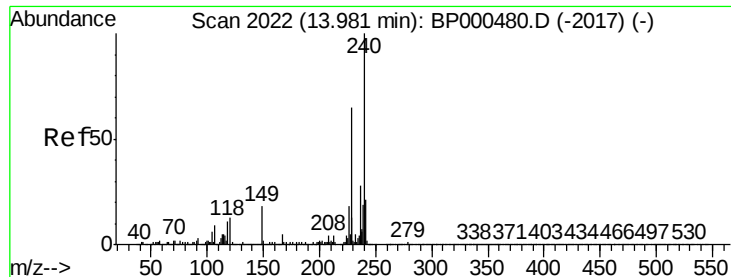


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

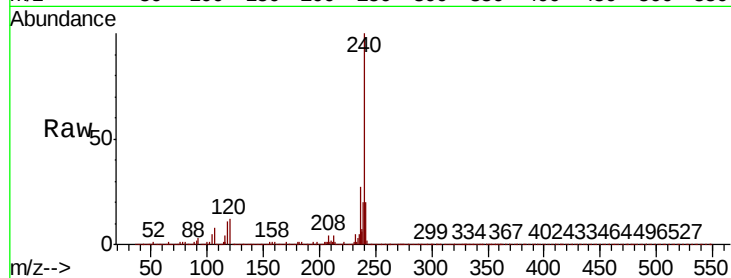




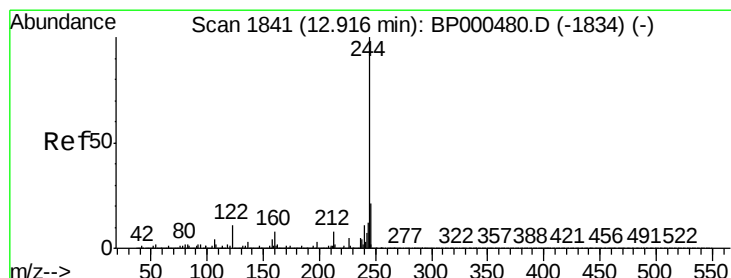
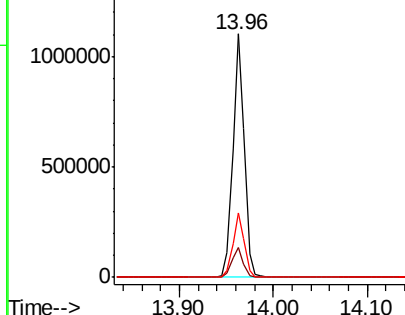
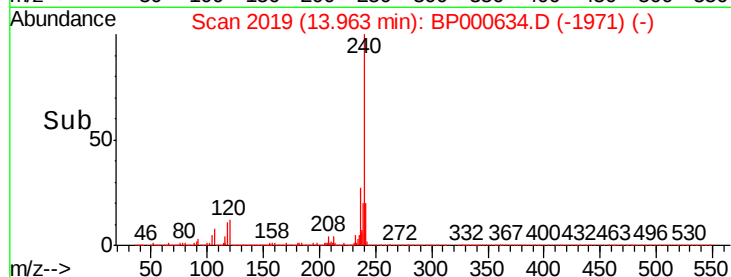
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Instrument :
BNA_P
ClientSampled :

Tot Ion:240 Resp: 925955
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 26.5 22.7 34.1

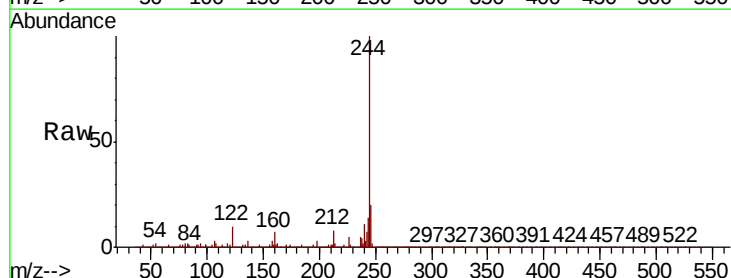


Abundance Ion 240.00 (239.70 to 240.70): E
1500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

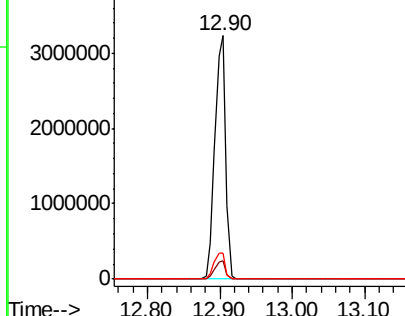
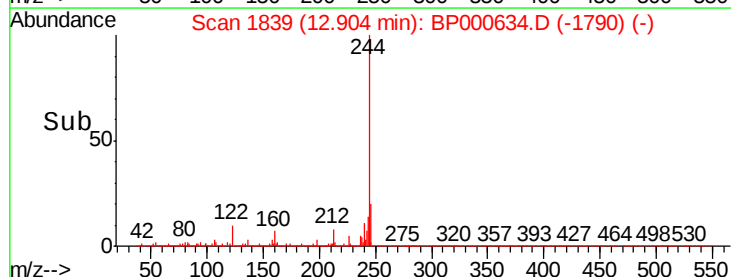


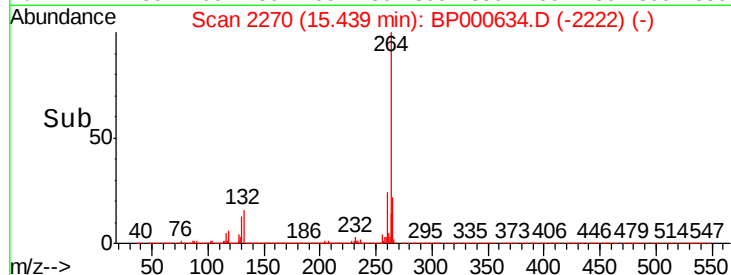
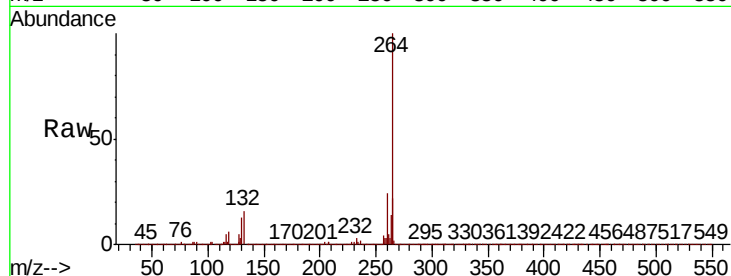
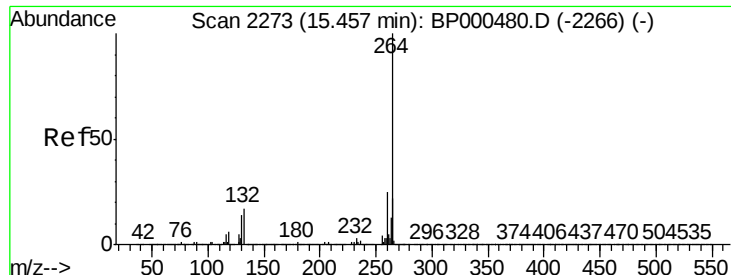
#79
Terphenyl-d14
Concen: 73.394 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Tgt Ion:244 Resp: 3356478
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 10.5 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E
4000000
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000634.D
Acq: 11 Oct 2019 16:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion:	264	Resp:	981933
Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	21.5	18.0	27.0

