

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000639.D
 Acq On : 11 Oct 2019 18:22
 Operator : JU
 Sample : K5266-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:09:32 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

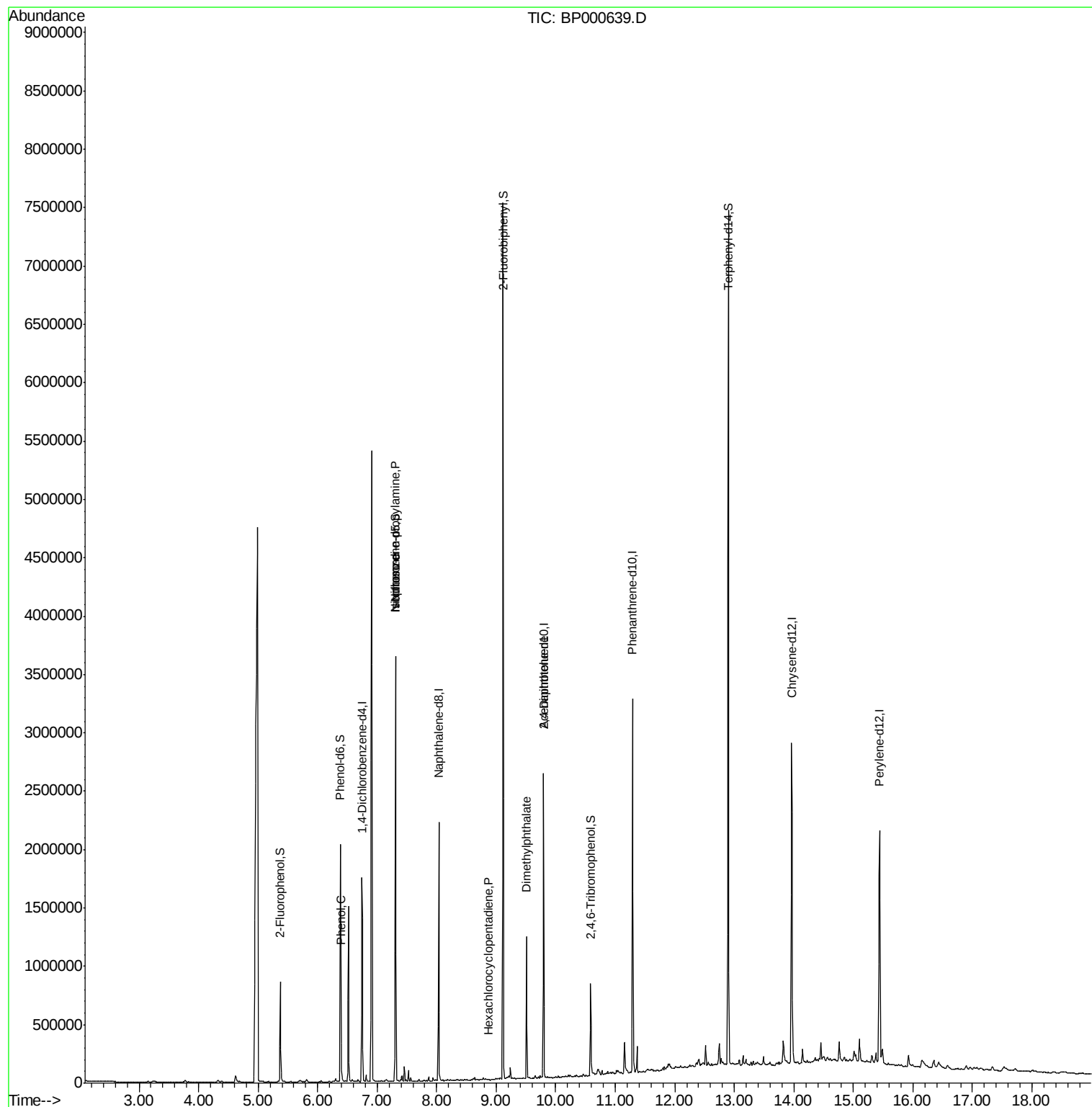
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	262105	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	973395	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	558404	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1040399	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	864123	20.00	ng	-0.02
87) Perylene-d12	15.44	264	915341	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	286138	17.55	ng	-0.02
7) Phenol-d6	6.38	99	713426	36.31	ng	-0.03
23) Nitrobenzene-d5	7.31	82	1125241	70.60	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	87544	14.71	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2199466	63.73	ng	-0.02
79) Terphenyl-d14	12.90	244	2600970	60.94	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	75514	3.754	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.31	70	139331	15.384	ng	# 73
25) Isophorone	7.31	82	1124880	39.768	ng	# 61
41) Hexachlorocyclopentadiene	8.87	237	14	7.299	ng	74
50) Dimethylphthalate	9.51	163	433307	11.168	ng	100
57) 2,4-Dinitrotoluene	9.79	165	72609	6.472	ng	# 32

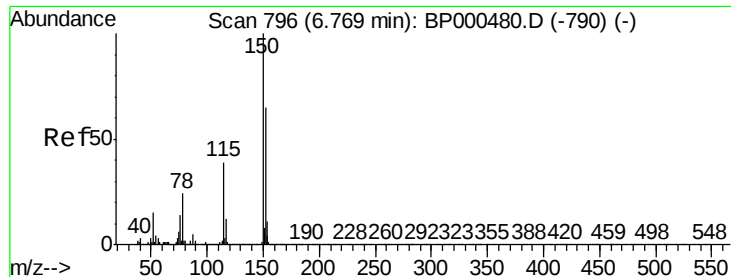
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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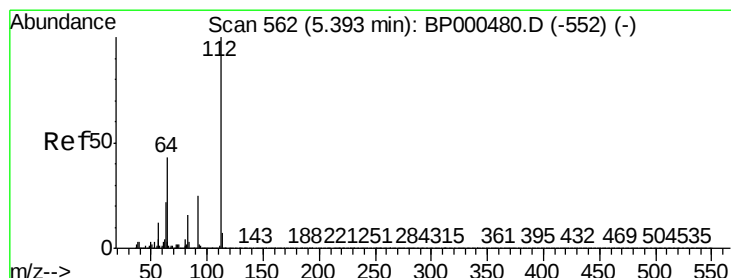
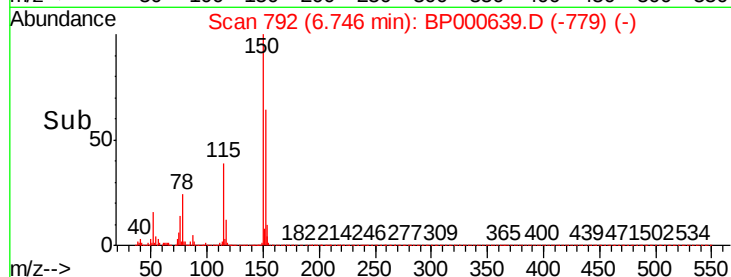
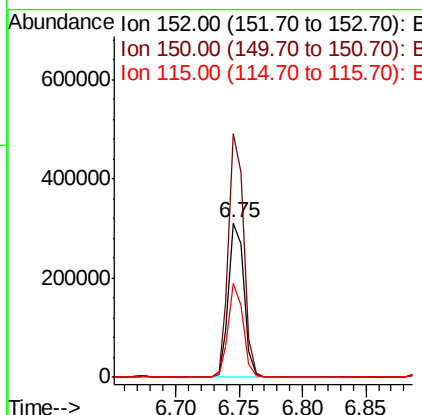
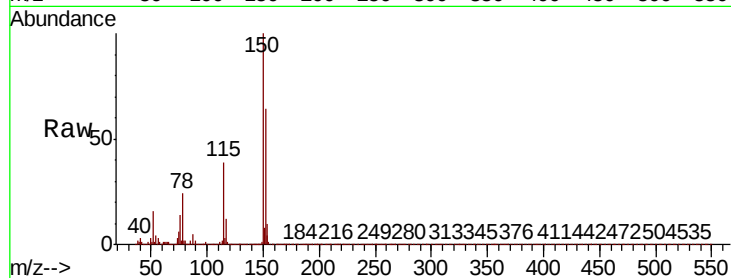


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

Instrument :
BNA_P
ClientSampleId :

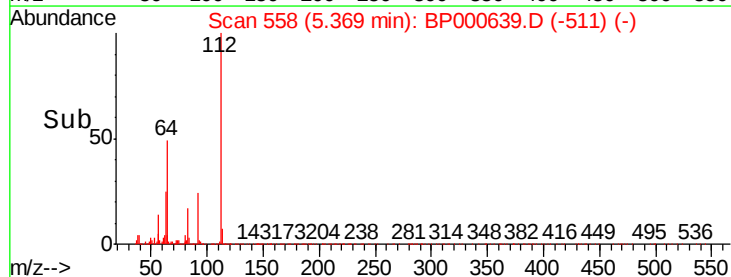
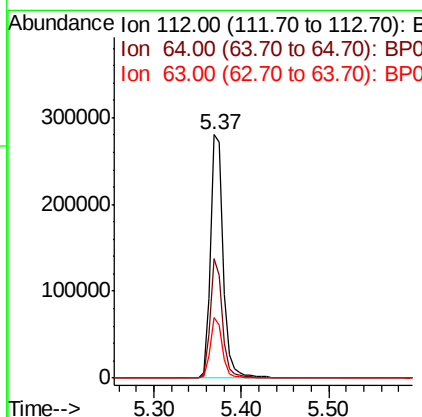
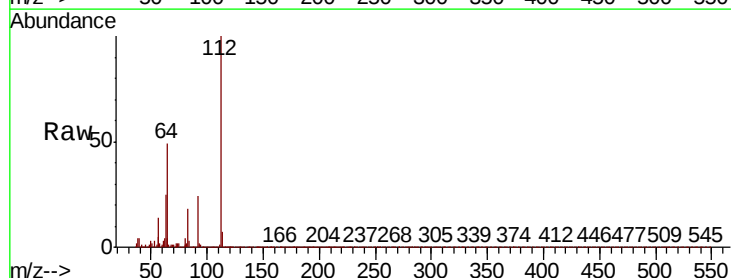
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.1	186.1
115	61.0	48.7	73.1

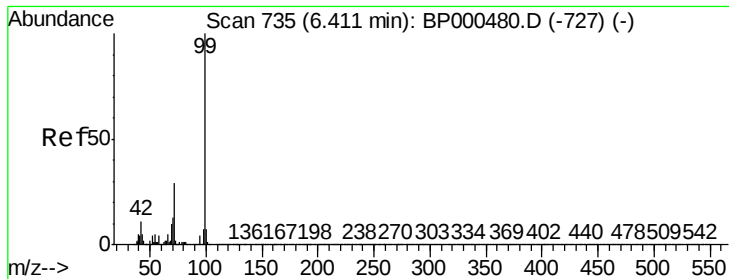


#5

2-Fluorophenol
Concen: 17.548 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.8	34.2	51.4
63	24.7	17.9	26.9





#7

Phenol-d6

Concen: 36.308 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BP000639.D

Acq: 11 Oct 2019 18:22

Instrument :

BNA_P

ClientSampled :

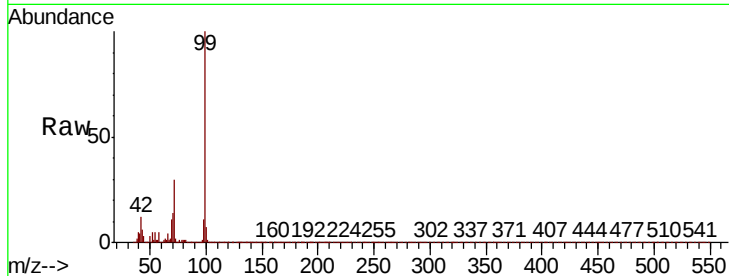
Tot Ion: 99 Resp: 713426

Ion Ratio Lower Upper

99 100

42 12.2 8.6 12.8

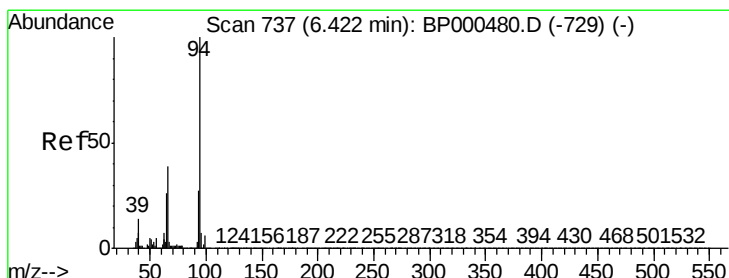
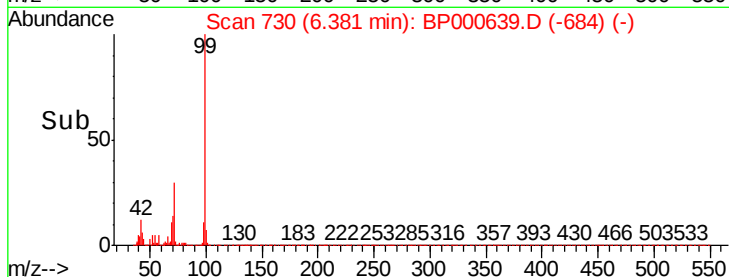
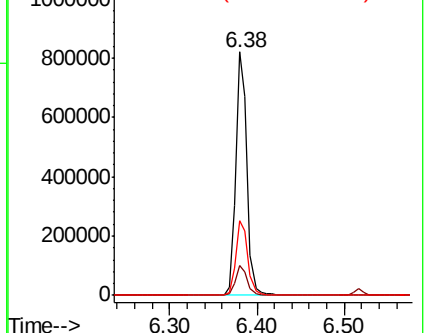
71 30.4 23.0 34.4



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: 3.754 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000639.D

Acq: 11 Oct 2019 18:22

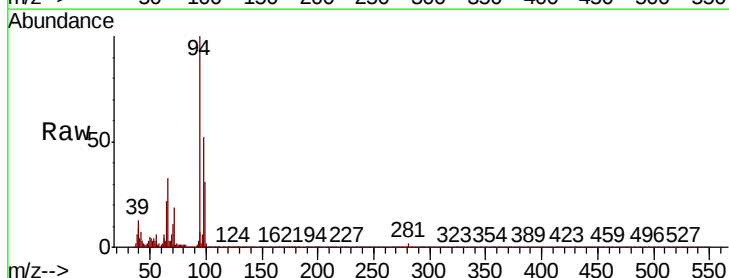
Tgt Ion: 94 Resp: 75514

Ion Ratio Lower Upper

94 100

65 22.3 5.9 45.9

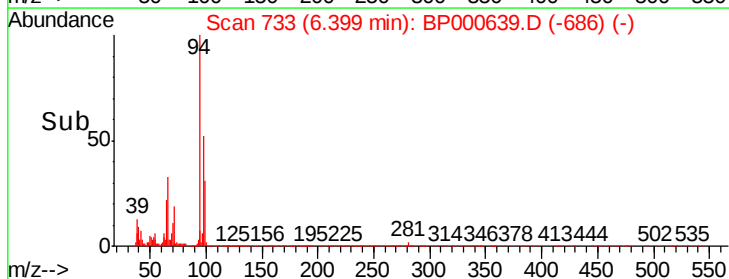
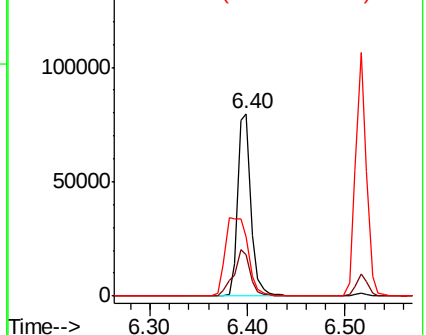
66 32.7 18.8 58.8

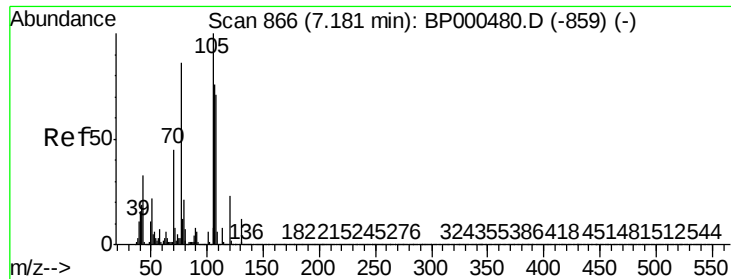


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

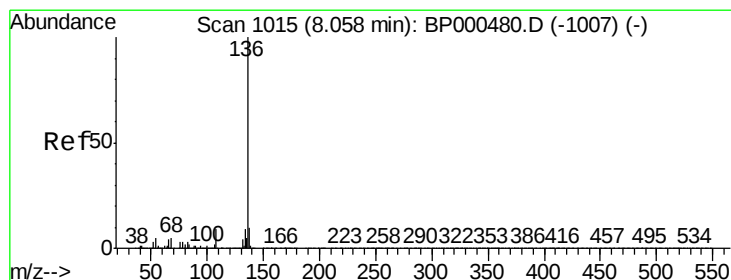
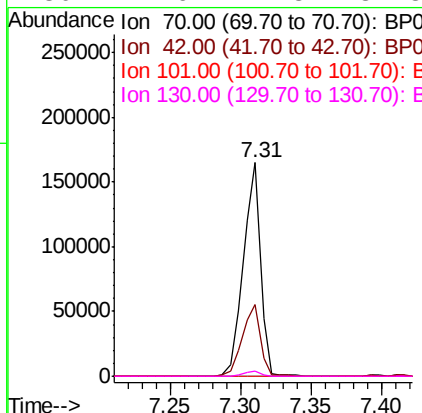
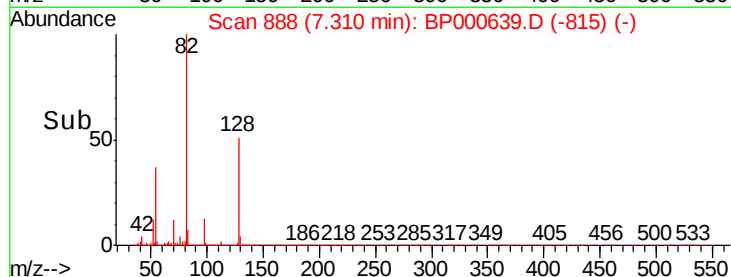
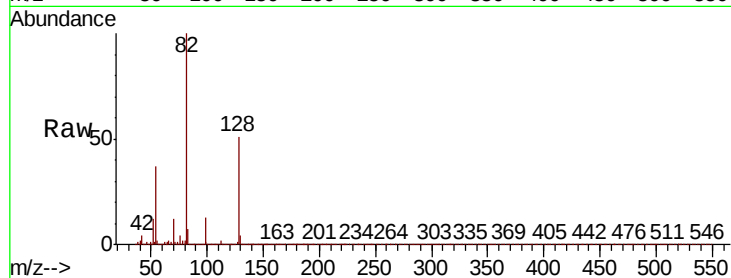




#19
n-Nitroso-di-n-propylamine
Concen: 15.384 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

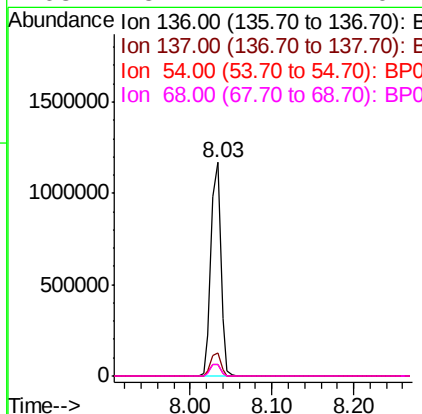
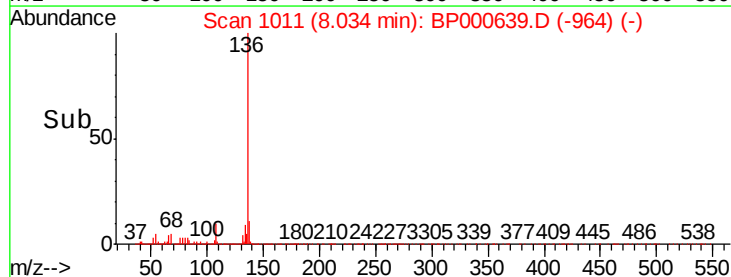
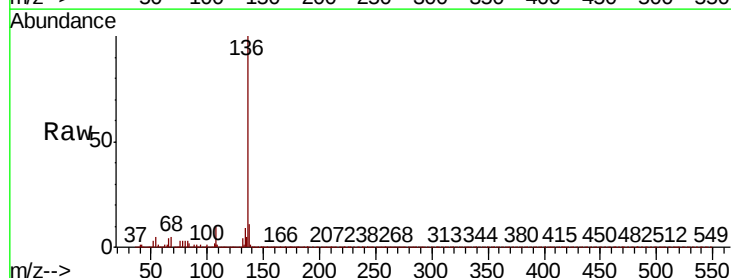
Instrument :
BNA_P
ClientSampleId :

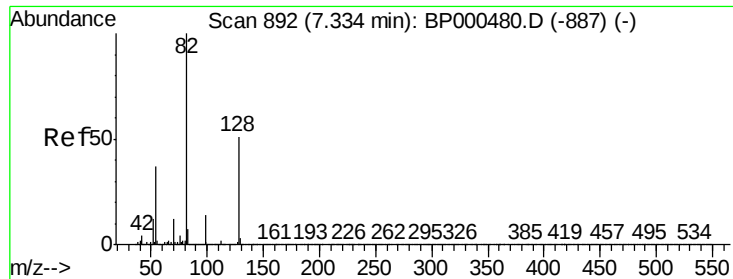
Tot Ion:	70	Resp:	139331
Ion	Ratio	Lower	Upper
70	100		
42	33.8	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

Tgt Ion:	136	Resp:	973395
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.4	4.1	6.1
68	5.4	4.1	6.1

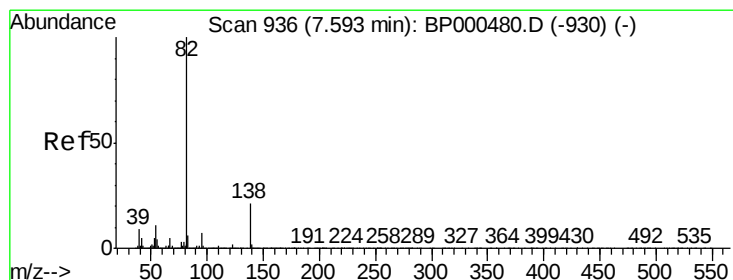
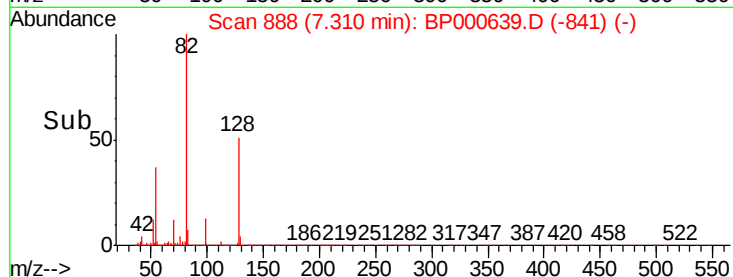
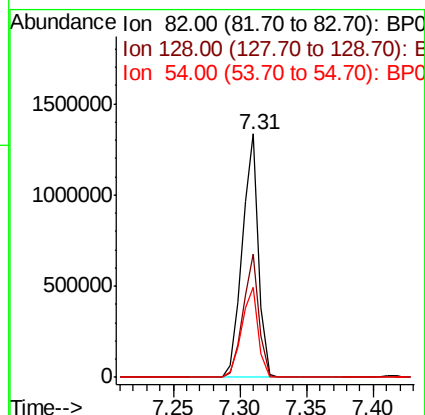
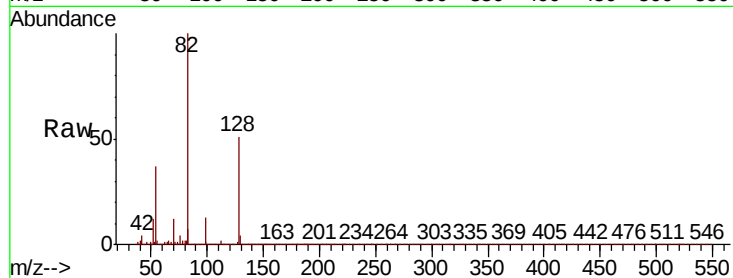




#23
Nitrobenzene-d5
Concen: 70.603 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

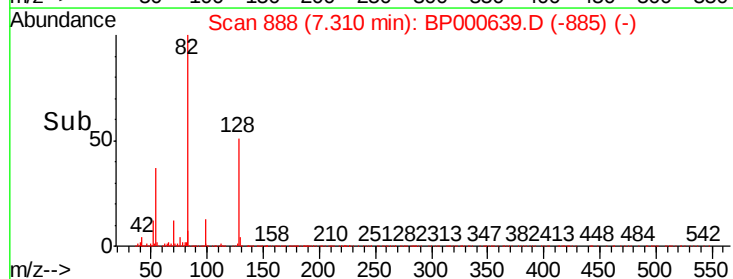
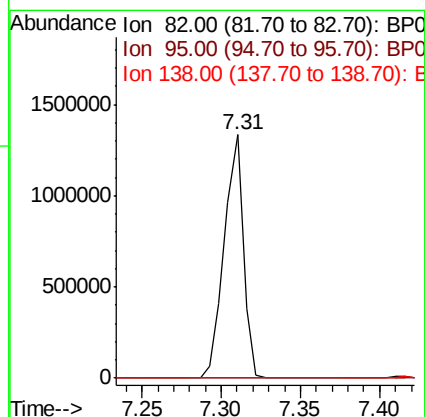
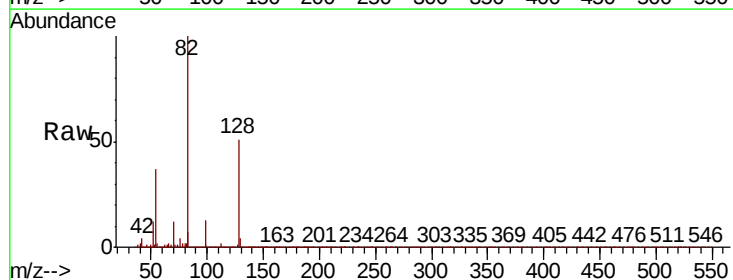
Instrument :
BNA_P
ClientSampleId :

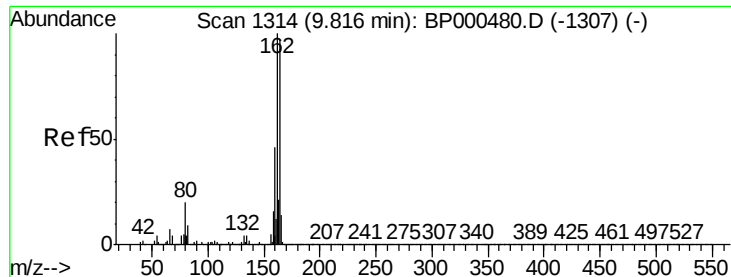
Tot Ion: 82 Resp: 1125241
Ion Ratio Lower Upper
82 100
128 50.6 40.9 61.3
54 36.9 29.4 44.2



#25
Isophorone
Concen: 39.768 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

Tgt Ion: 82 Resp: 1124880
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: BP000639.D

Acq: 11 Oct 2019 18:22

Instrument :

BNA_P

ClientSampleId :

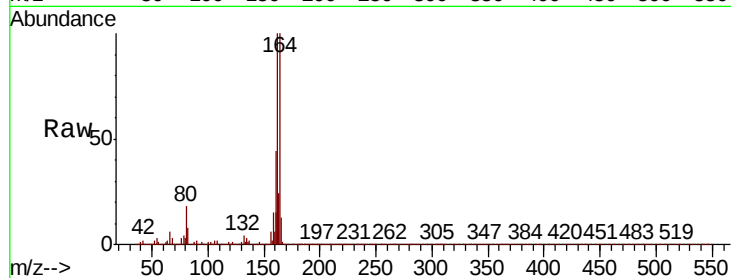
Tot Ion:164 Resp: 558404

Ion Ratio Lower Upper

164 100

162 99.6 82.2 123.2

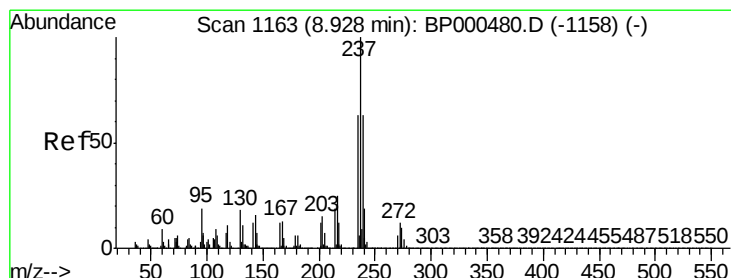
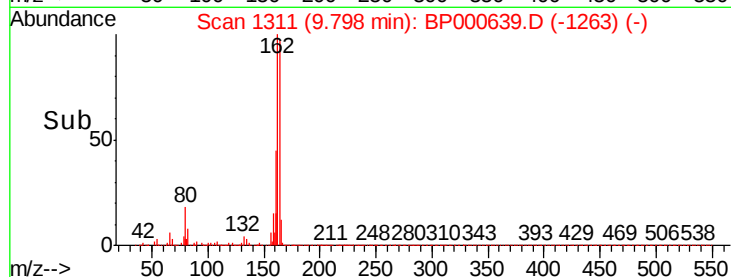
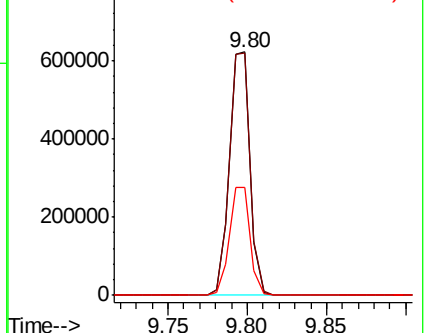
160 44.4 37.6 56.4



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: 8.87 min Scan# 1154

Delta R.T. -0.05 min

Lab File: BP000639.D

Acq: 11 Oct 2019 18:22

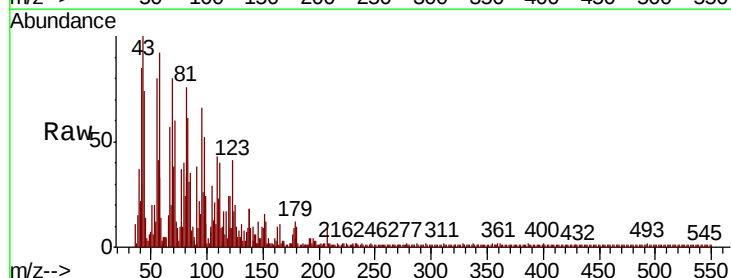
Tgt Ion:237 Resp: 14

Ion Ratio Lower Upper

237 100

235 81.8 42.9 82.9

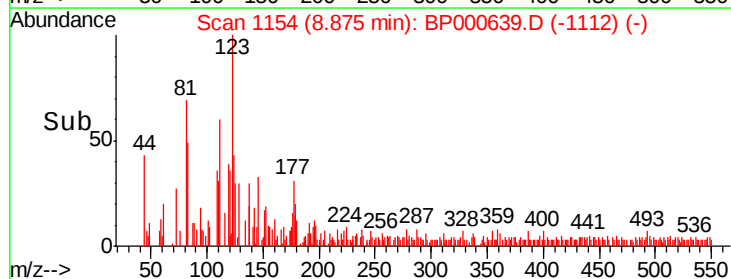
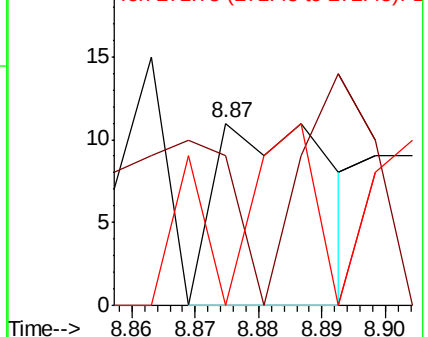
272 0.0 0.0 32.4

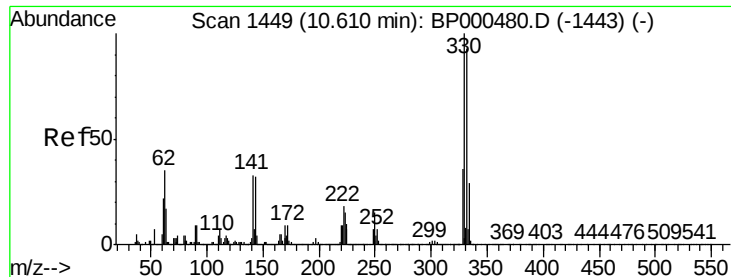


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

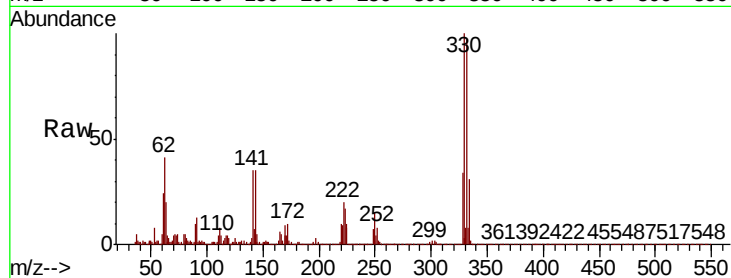




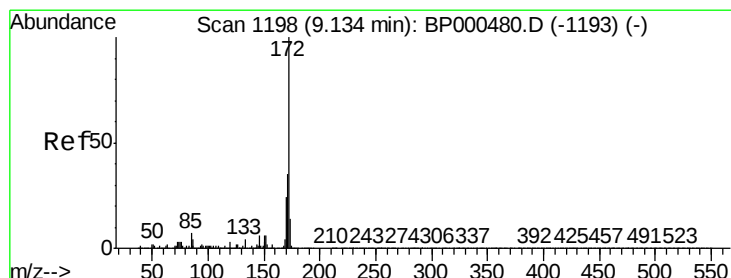
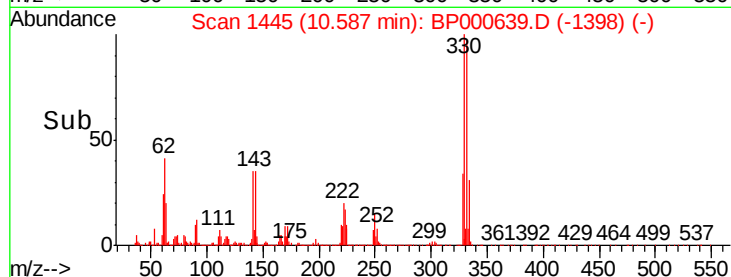
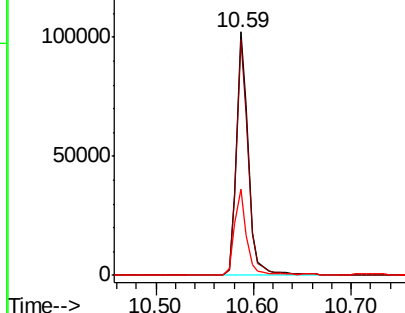
#42
2,4,6-Tribromophenol
Concen: 14.712 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 87544
Ion Ratio Lower Upper
330 100
332 95.4 77.1 115.7
141 35.3 26.0 39.0

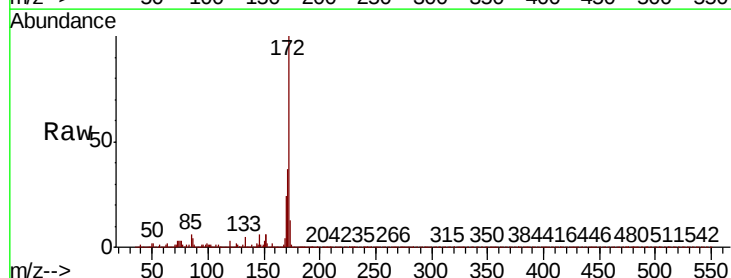


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

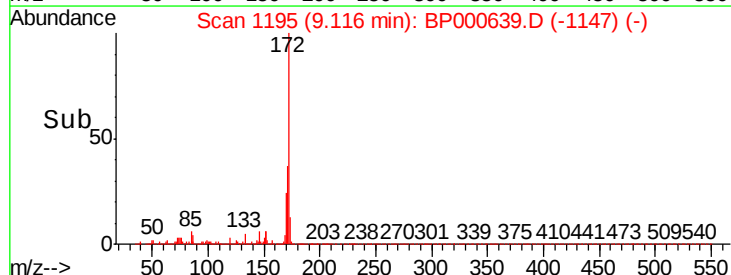
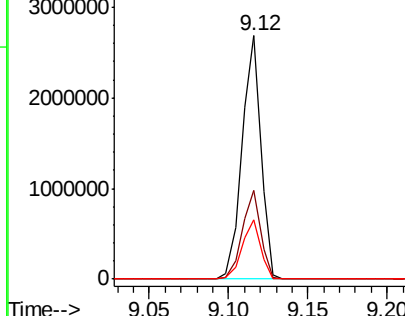


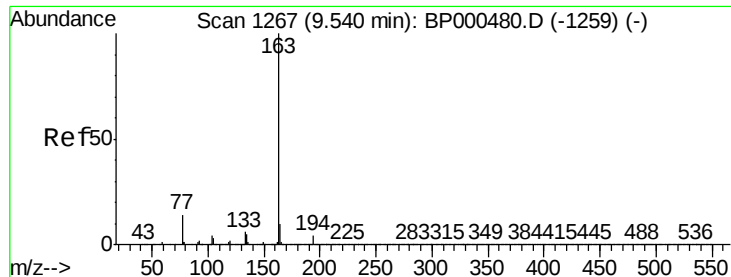
#45
2-Fluorobiphenyl
Concen: 63.730 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

Tgt Ion:172 Resp: 2199466
Ion Ratio Lower Upper
172 100
171 36.6 28.4 42.6
170 24.3 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

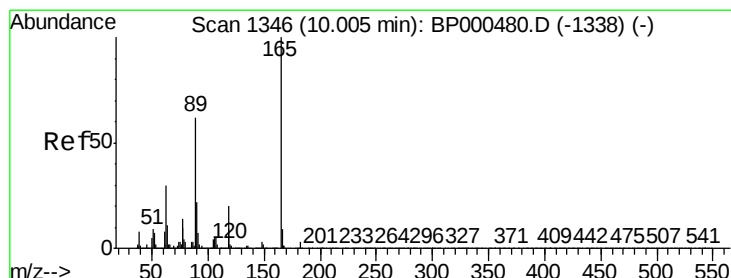
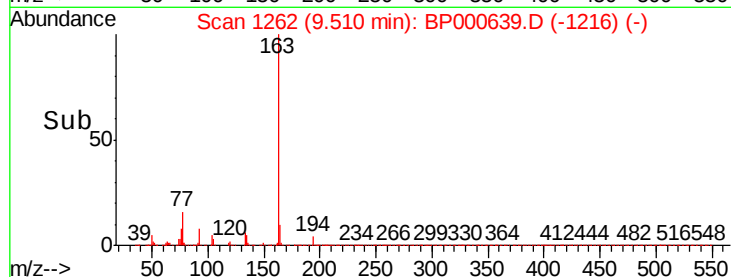
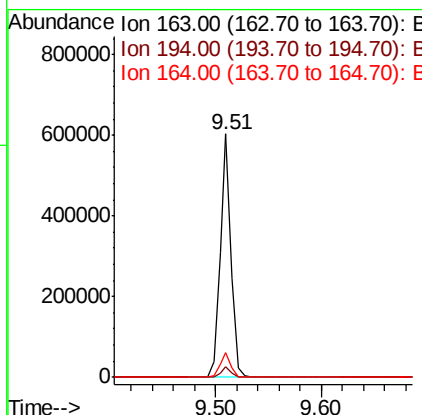
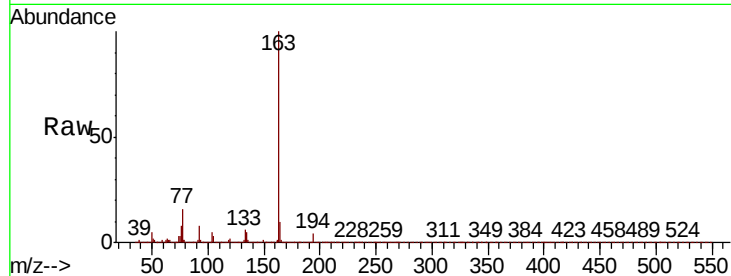




#50
Dimethylphthalate
Concen: 11.168 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

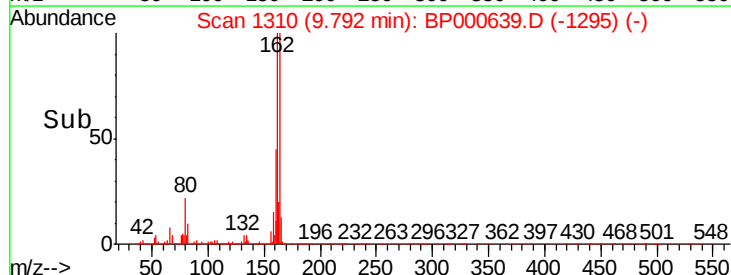
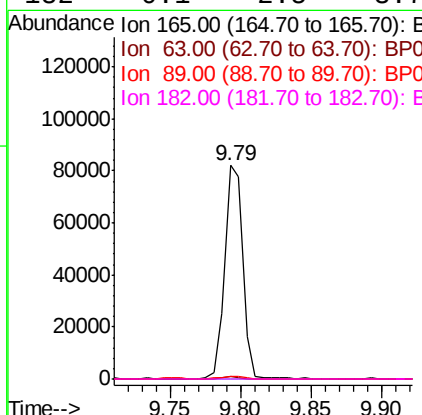
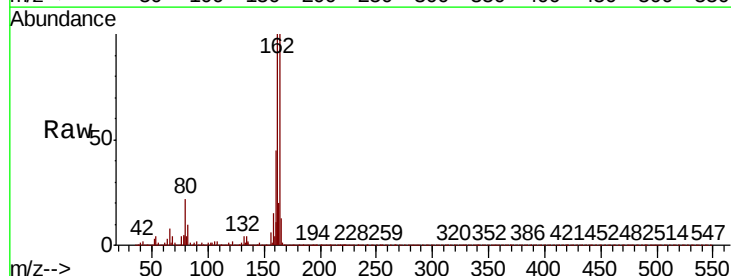
Instrument :
BNA_P
ClientSampleId :

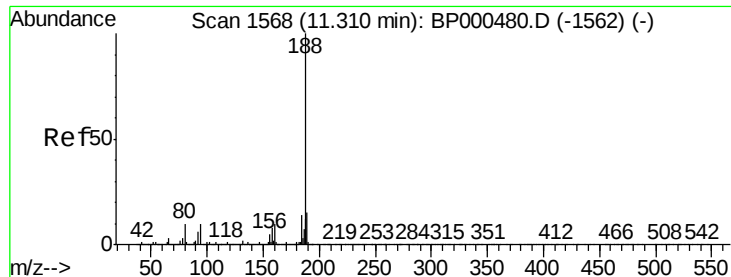
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.2	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.472 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.4	49.4	74.0#
182	0.1	2.5	3.7#

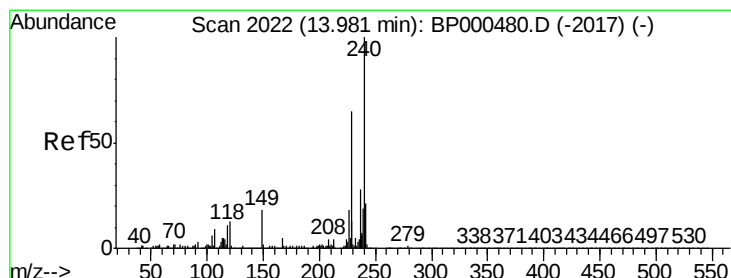
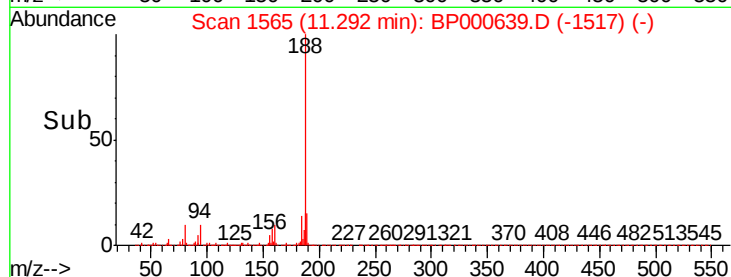
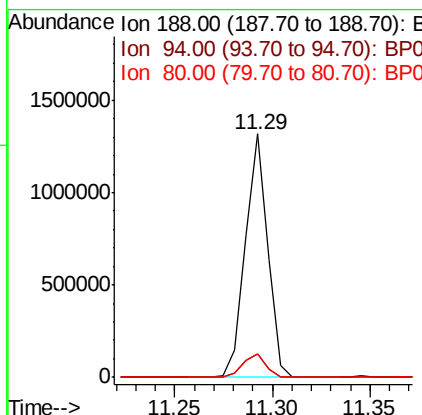
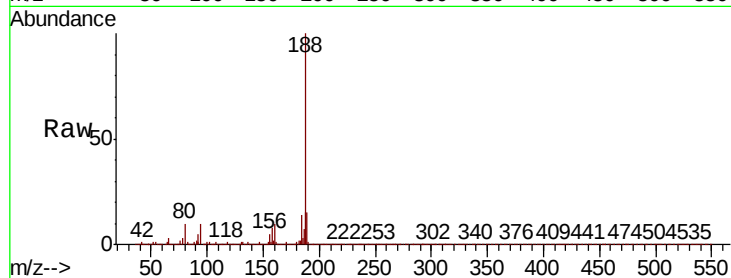




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

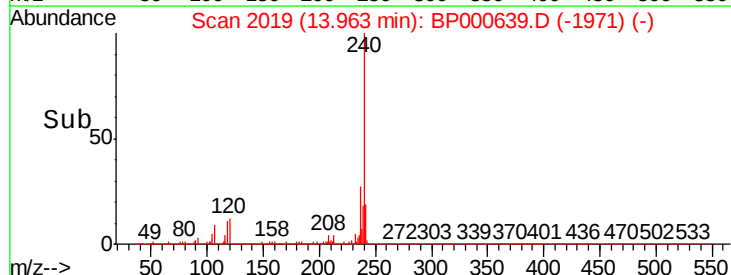
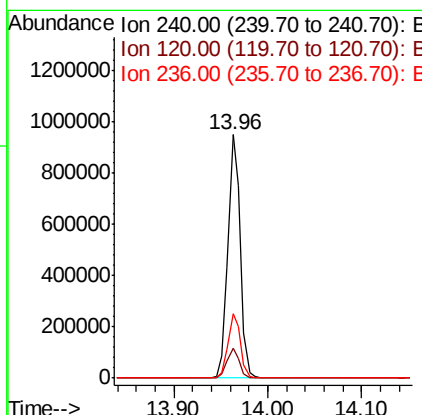
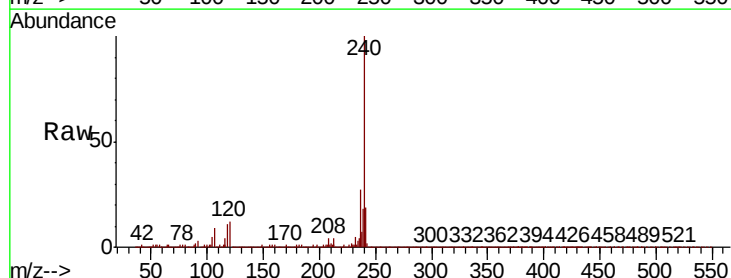
Instrument :
BNA_P
ClientSampleId :

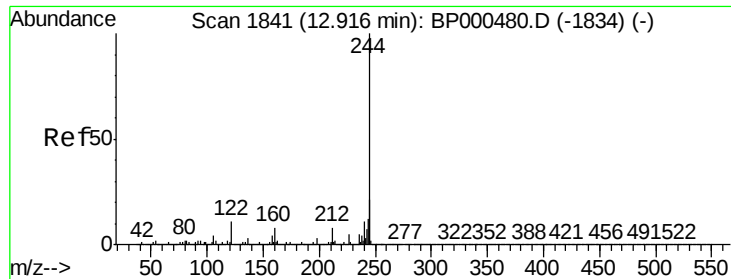
Tot Ion:188 Resp: 1040399
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 9.7 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000639.D
Acq: 11 Oct 2019 18:22

Tgt Ion:240 Resp: 864123
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 26.5 22.7 34.1





#79

Terphenyl-d14

Concen: 60.943 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000639.D

Acq: 11 Oct 2019 18:22

Instrument :

BNA_P

ClientSampleId :

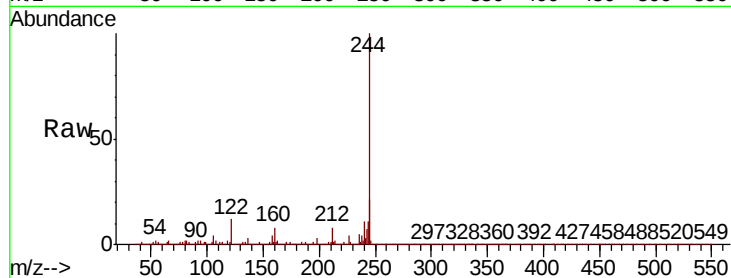
Tot Ion:244 Resp: 2600970

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

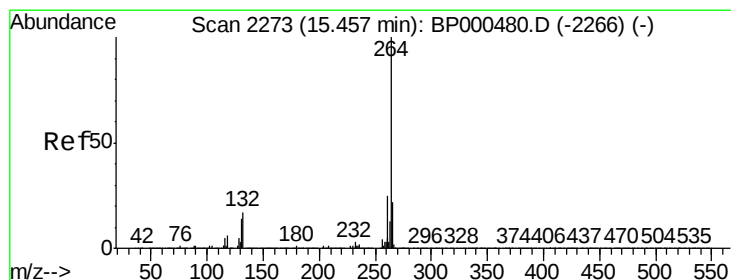
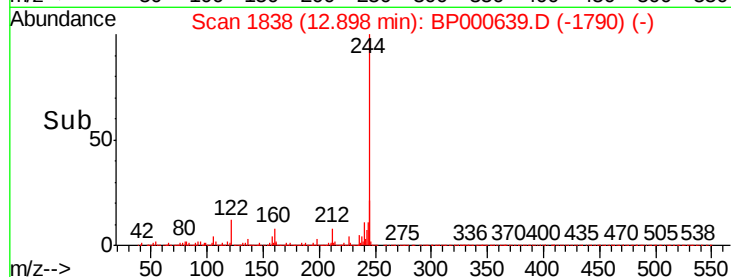
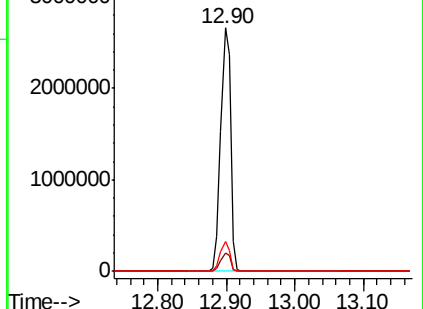
122 12.1 8.9 13.3



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: BP000639.D

Acq: 11 Oct 2019 18:22

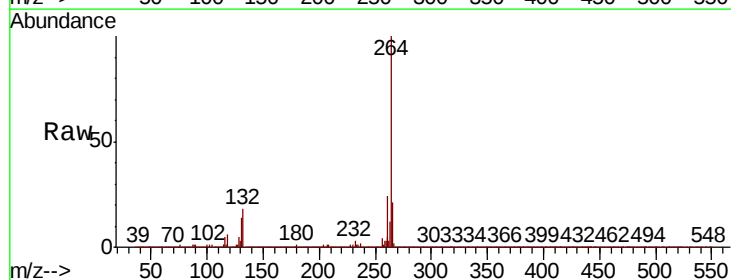
Tgt Ion:264 Resp: 915341

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 21.2 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

