

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000635.D
 Acq On : 11 Oct 2019 16:46
 Operator : JU
 Sample : K5266-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:08:44 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

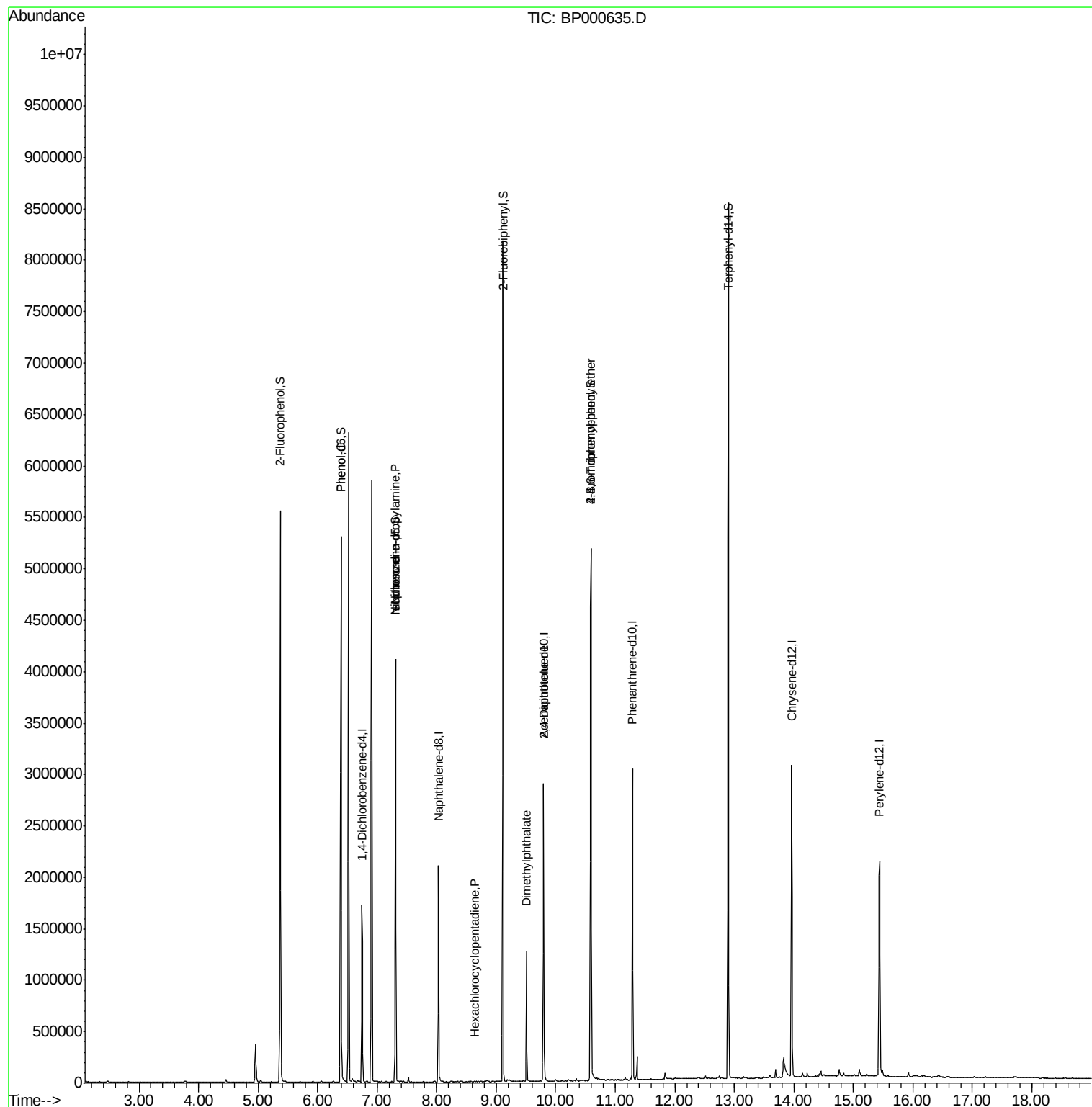
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	262190	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	945246	20.00	ng	-0.03
39) Acenaphthene-d10	9.79	164	541973	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1042486	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	911812	20.00	ng	-0.02
87) Perylene-d12	15.44	264	947689	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1846277	113.19	ng	-0.02
7) Phenol-d6	6.39	99	2386690	121.43	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1312153	84.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	723059	125.20	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2636653	78.71	ng	-0.02
79) Terphenyl-d14	12.90	244	3108914	69.04	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	116583	5.793	ng	93
19) n-Nitroso-di-n-propylamine	7.31	70	162051	17.887	ng	# 73
25) Isophorone	7.31	82	1311966	47.763	ng	# 61
41) Hexachlorocyclopentadiene	8.63	237	10	7.298	ng	84
50) Dimethylphthalate	9.51	163	491713	13.057	ng	100
57) 2,4-Dinitrotoluene	9.79	165	70681	6.491	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	50098	4.269	ng	# 1

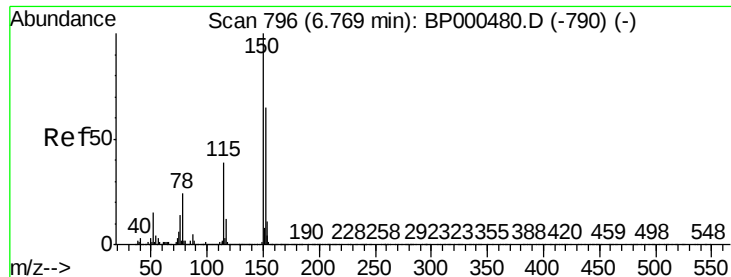
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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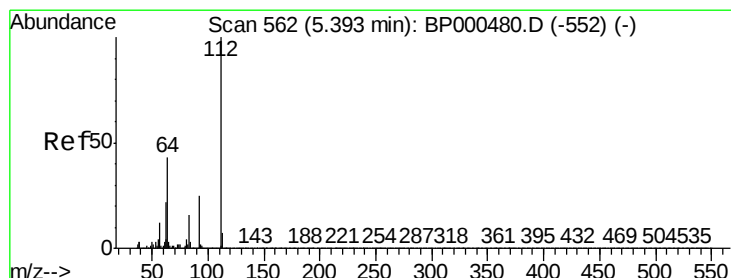
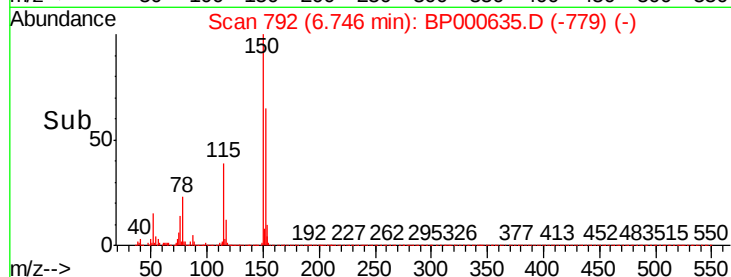
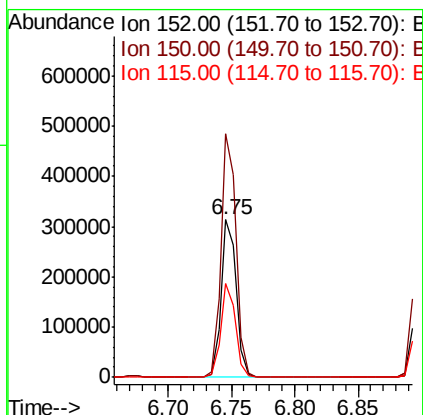
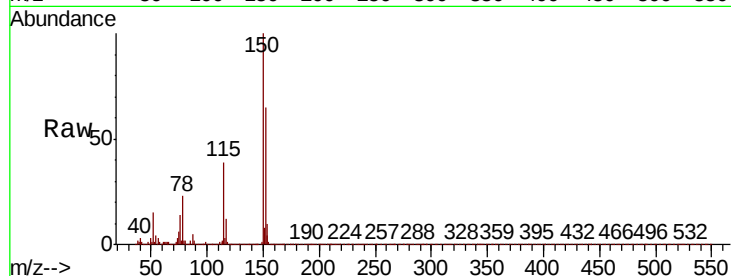


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Instrument :
BNA_P
ClientSampleId :

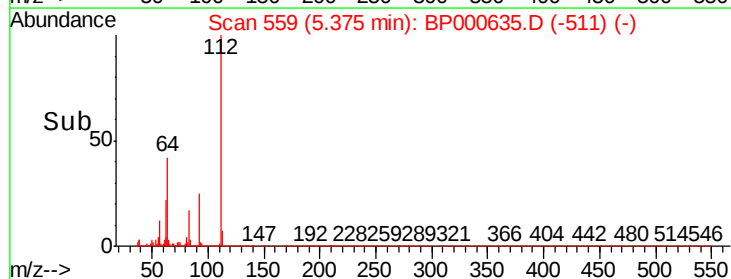
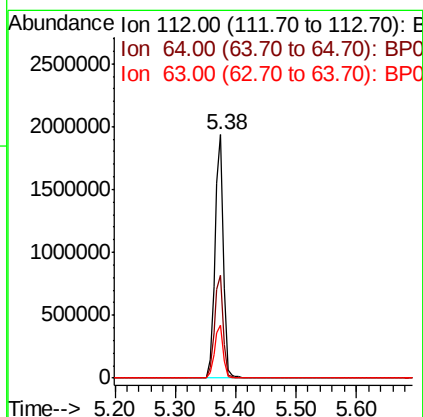
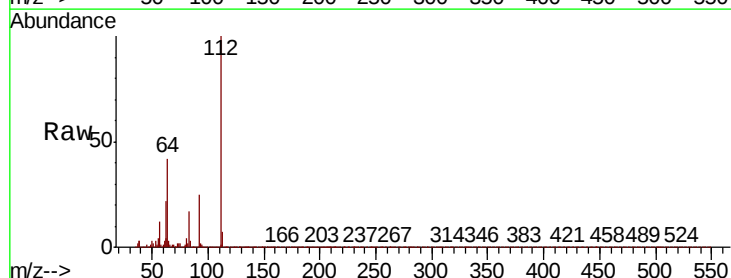
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	124.1	186.1
115	59.9	48.7	73.1

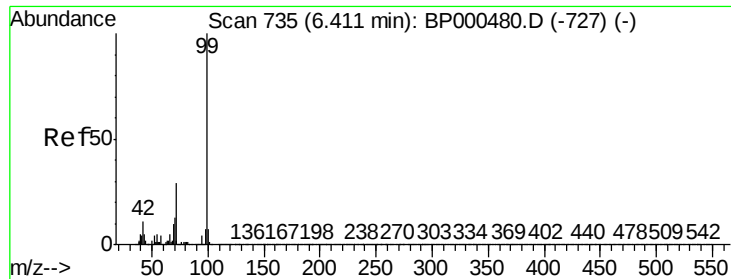


#5

2-Fluorophenol
Concen: 113.192 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.2	34.2	51.4
63	21.9	17.9	26.9





#7

Phenol-d6

Concen: 121.426 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

Instrument :

BNA_P

ClientSampleId :

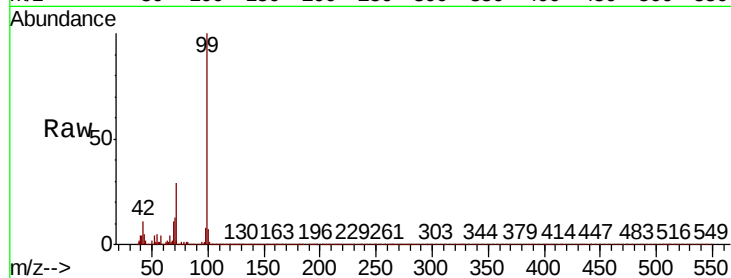
Tot Ion: 99 Resp: 2386690

Ion Ratio Lower Upper

99 100

42 10.5 8.6 12.8

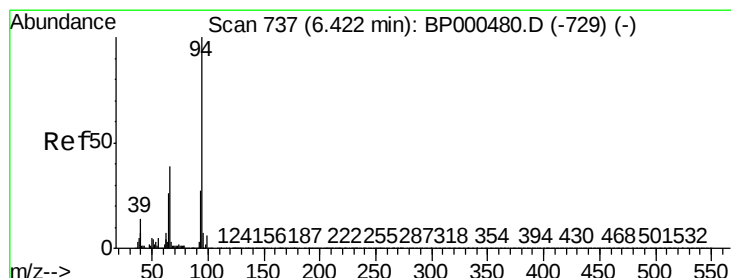
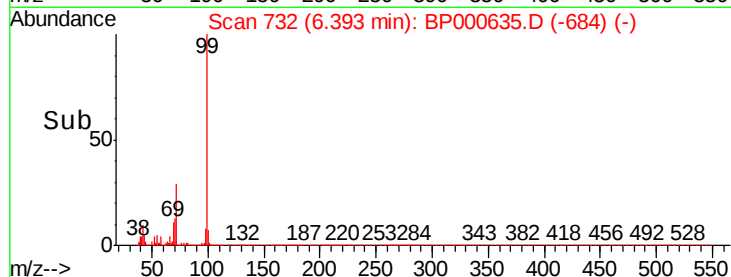
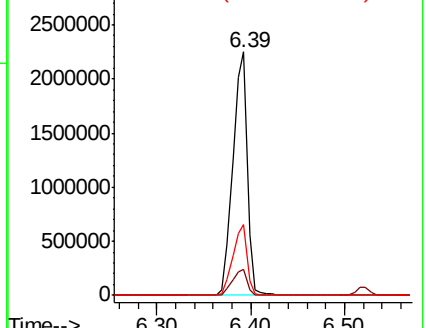
71 29.1 23.0 34.4



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



#10

Phenol

Concen: 5.793 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

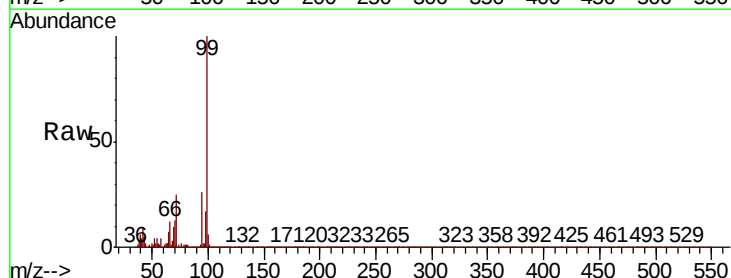
Tgt Ion: 94 Resp: 116583

Ion Ratio Lower Upper

94 100

65 27.2 5.9 45.9

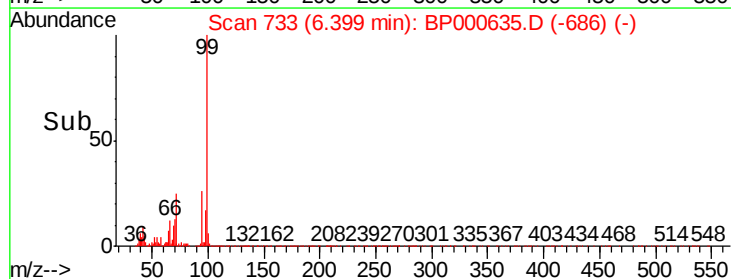
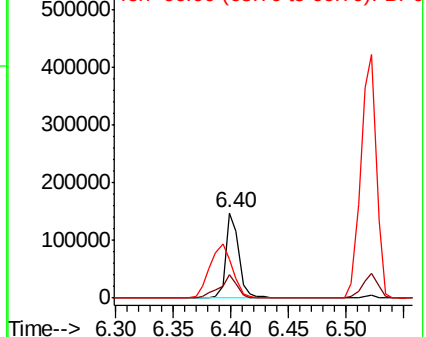
66 45.1 18.8 58.8

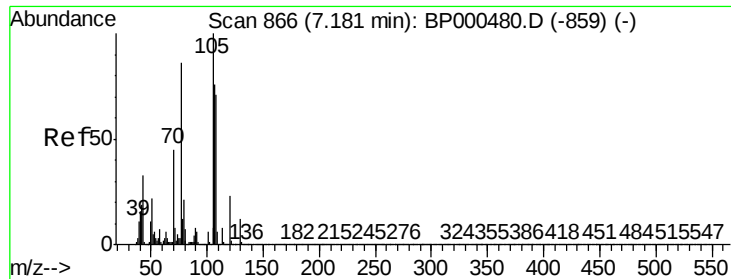


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

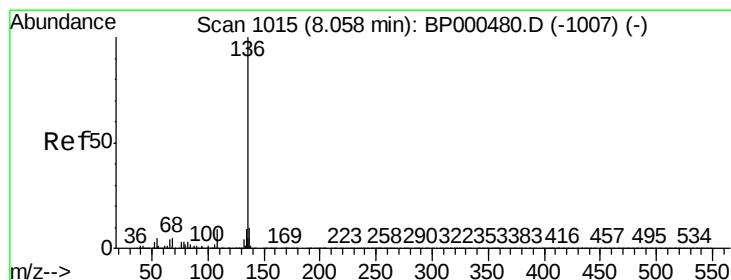
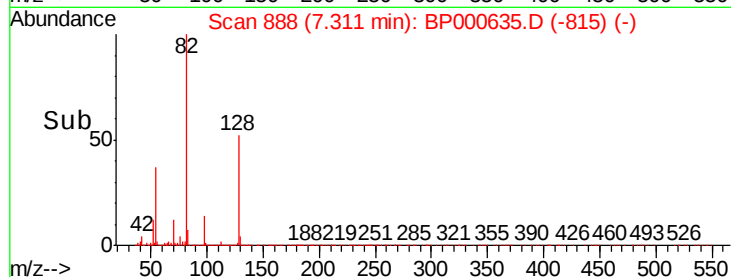
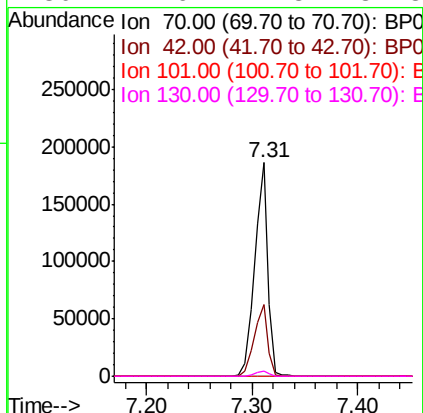
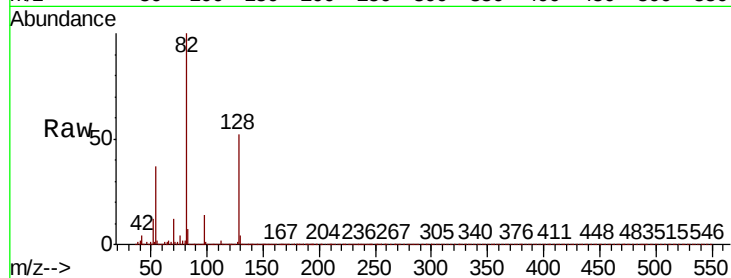




#19
n-Nitroso-di-n-propylamine
Concen: 17.887 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

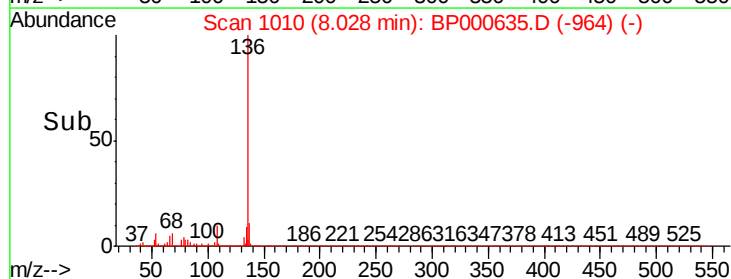
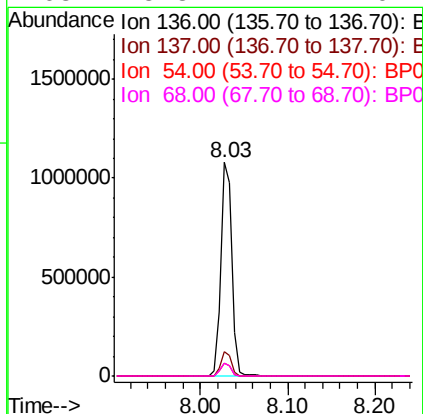
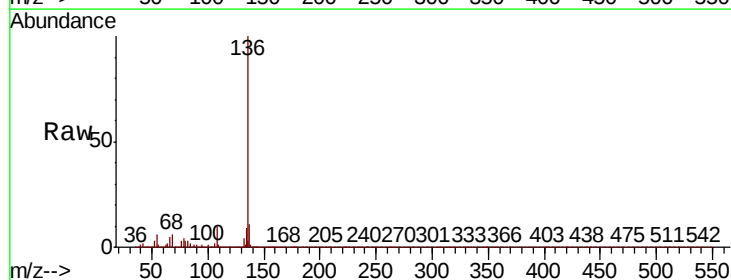
Instrument :
BNA_P
ClientSampled :

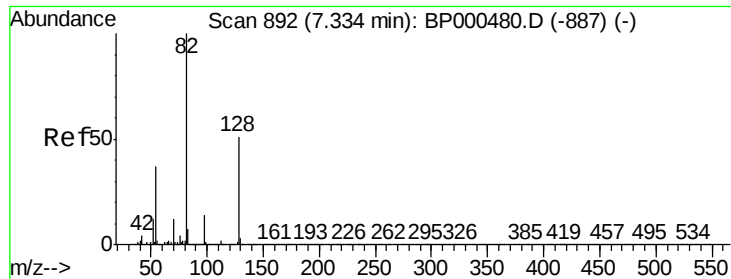
Tot Ion:	70	Resp:	162051
Ion	Ratio	Lower	Upper
70	100		
42	33.3	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Tgt Ion:	136	Resp:	945246
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.2	12.4
54	6.3	4.1	6.1#
68	5.8	4.1	6.1

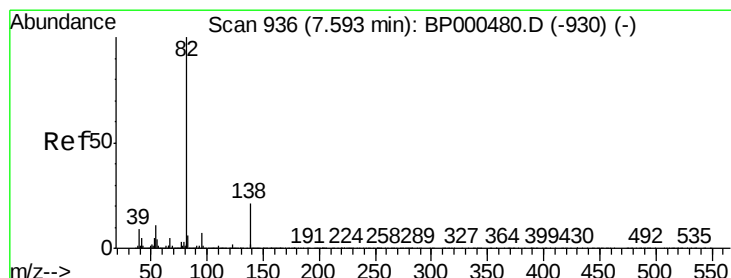
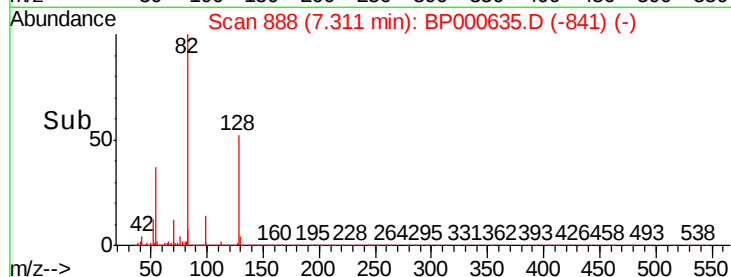
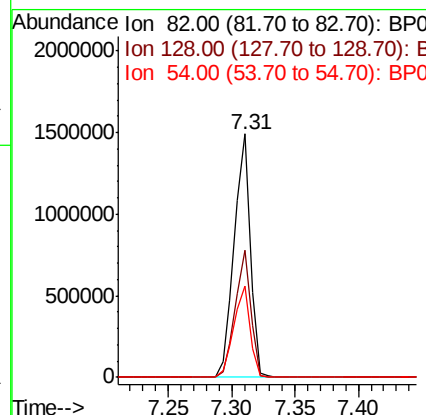
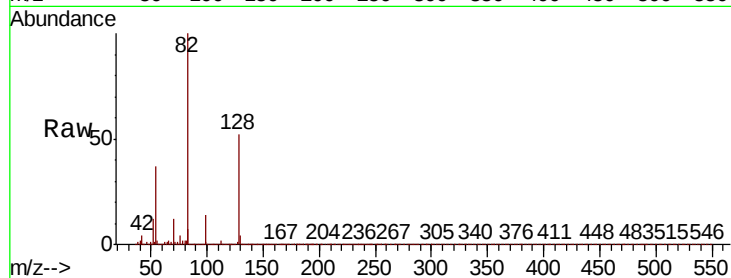




#23
 Nitrobenzene-d5
 Concen: 84.782 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000635.D
 Acq: 11 Oct 2019 16:46

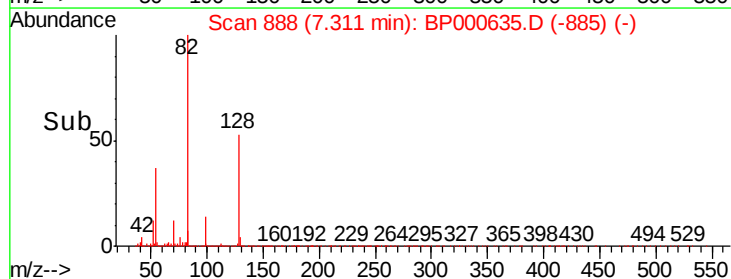
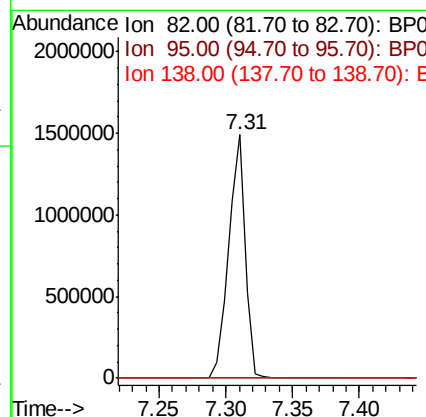
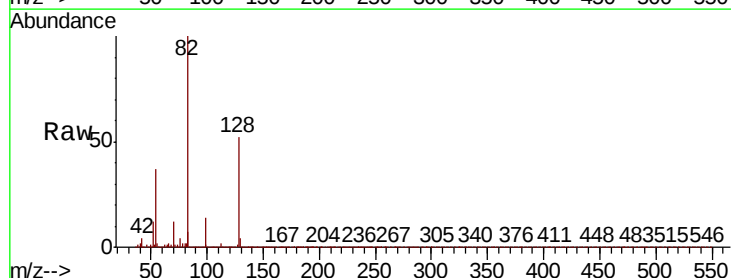
Instrument :
 BNA_P
 ClientSampleId :

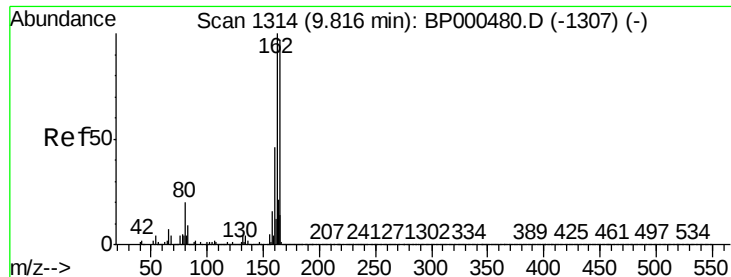
Tot Ion: 82 Resp: 1312153
 Ion Ratio Lower Upper
 82 100
 128 52.1 40.9 61.3
 54 37.4 29.4 44.2



#25
 Isophorone
 Concen: 47.763 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000635.D
 Acq: 11 Oct 2019 16:46

Tgt Ion: 82 Resp: 1311966
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#

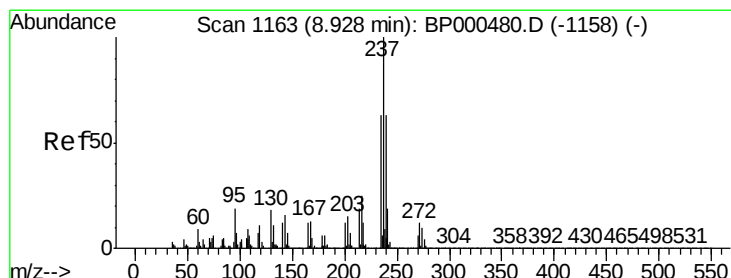
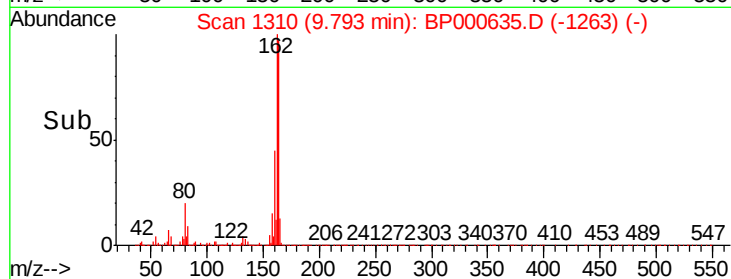
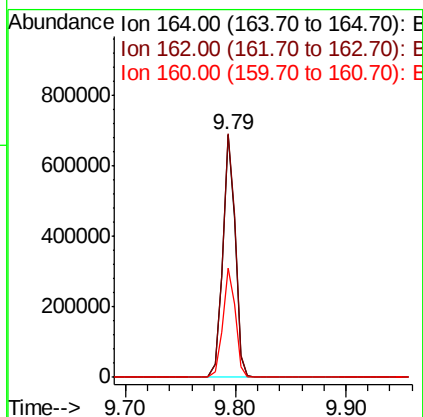
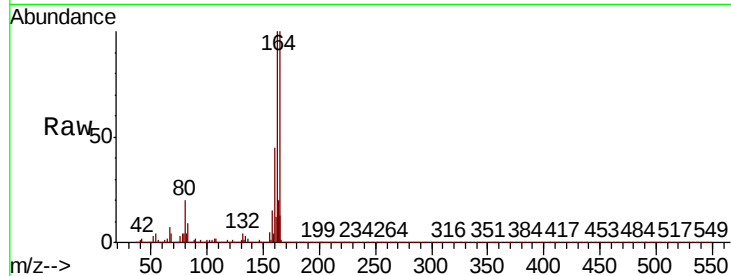




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

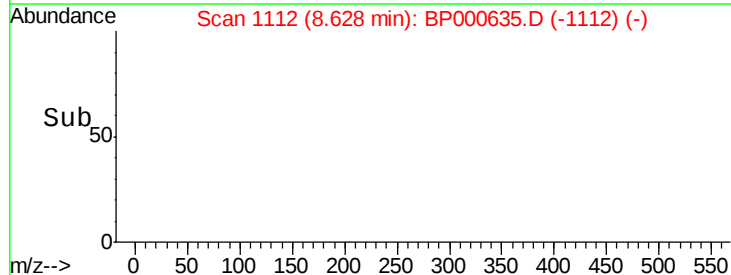
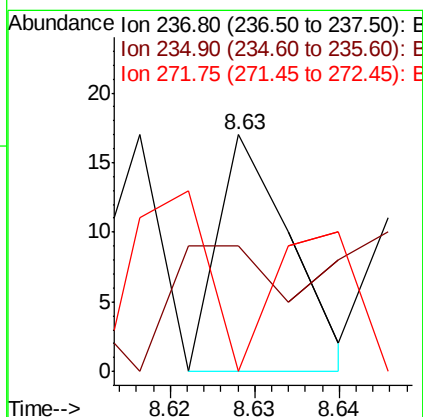
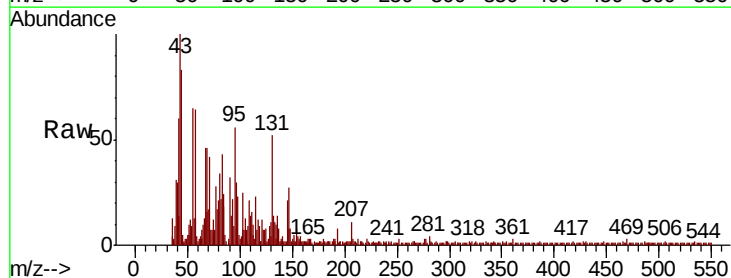
Instrument :
BNA_P
ClientSampleId :

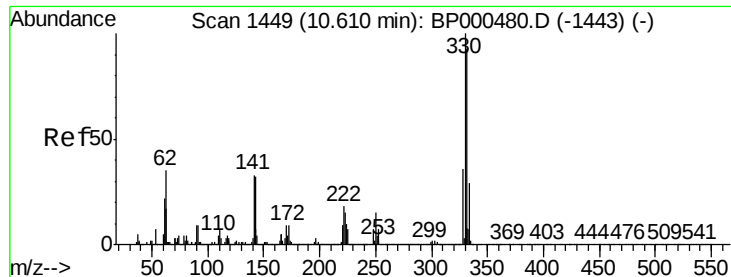
Tot Ion:164 Resp: 541973
Ion Ratio Lower Upper
164 100
162 100.4 82.2 123.2
160 45.1 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.298 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.30 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Tgt Ion:237 Resp: 10
Ion Ratio Lower Upper
237 100
235 52.9 42.9 82.9
272 0.0 0.0 32.4

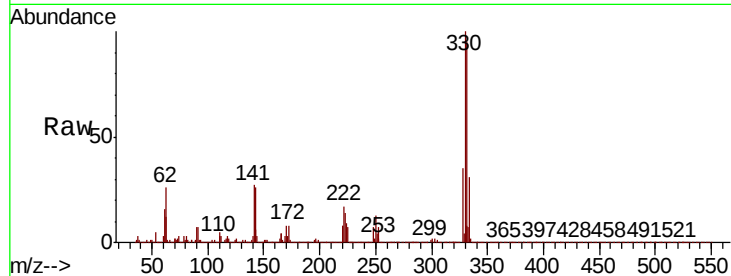




#42
2,4,6-Tribromophenol
Concen: 125.197 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	77.1	115.7
141	31.5	26.0	39.0

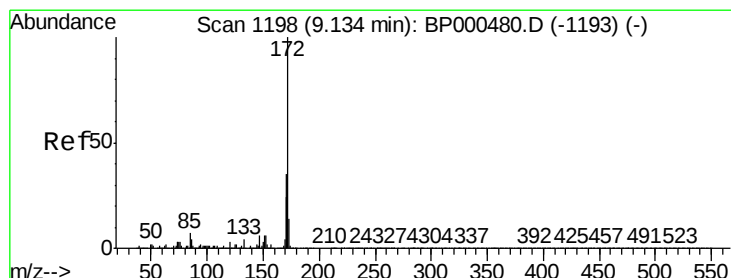
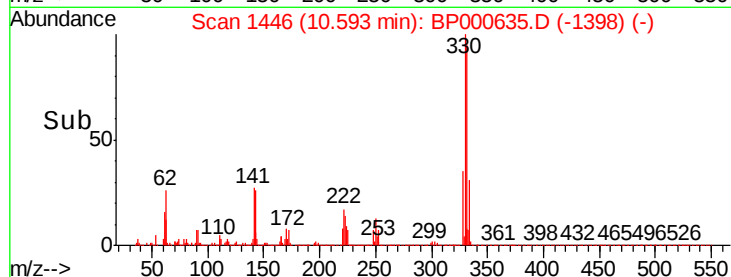
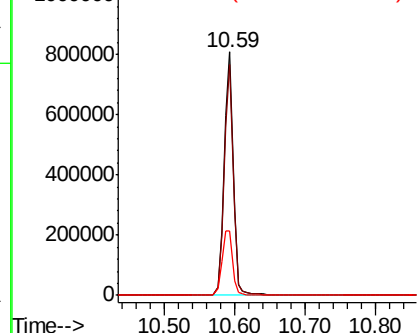


Abundance

Ion 329.80 (329.50 to 330.50): E

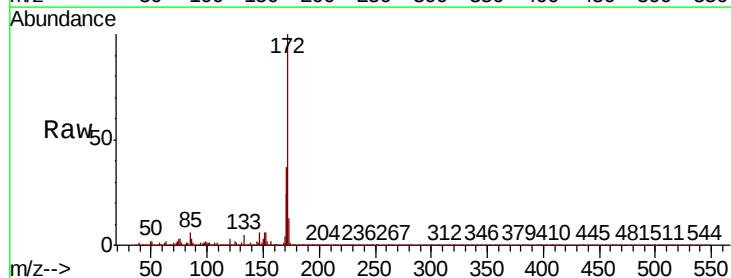
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 78.714 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	28.4	42.6
170	24.4	19.1	28.7

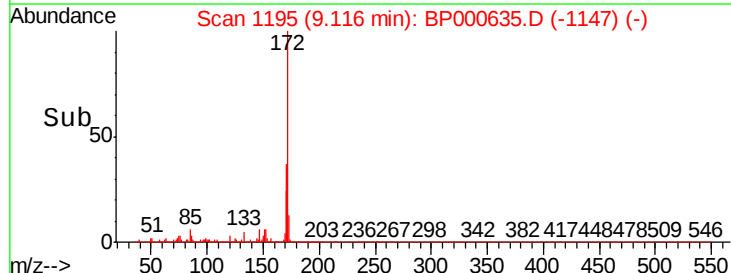
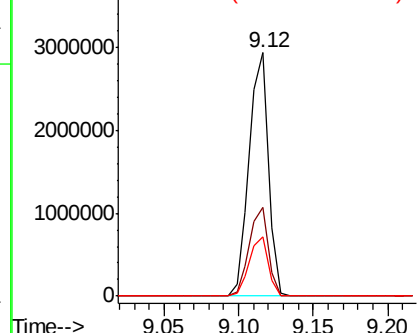


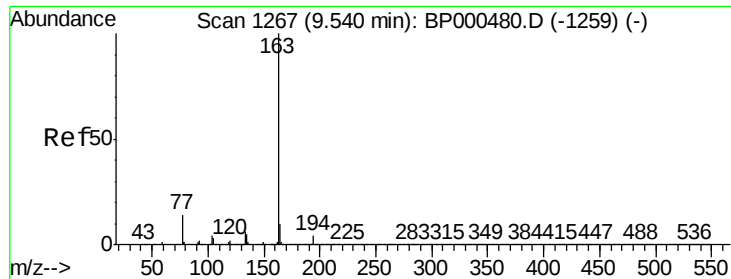
Abundance

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

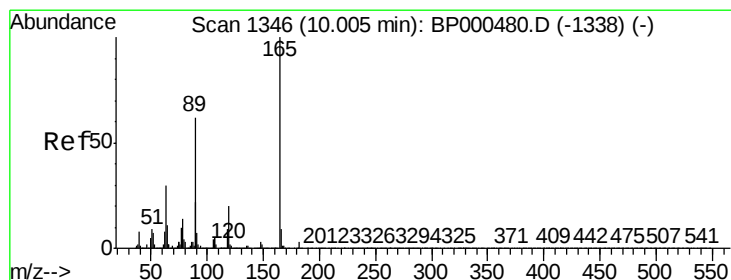
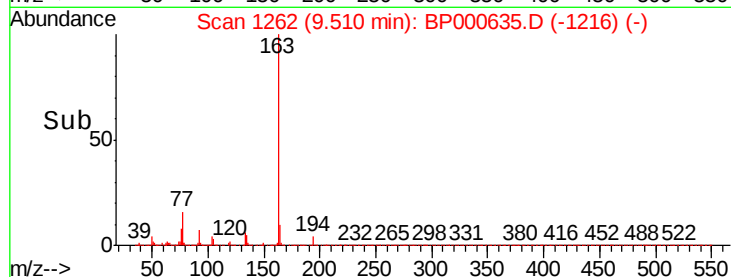
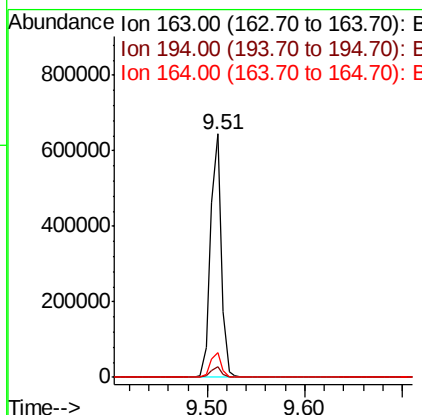
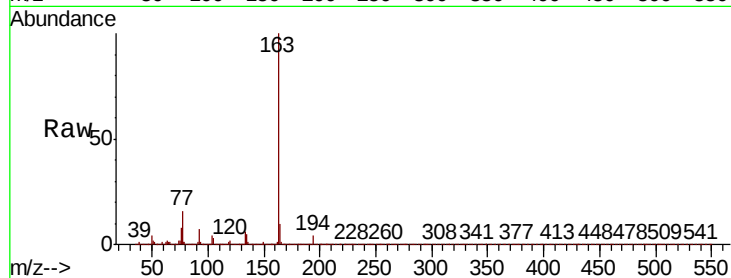




#50
Dimethylphthalate
Concen: 13.057 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

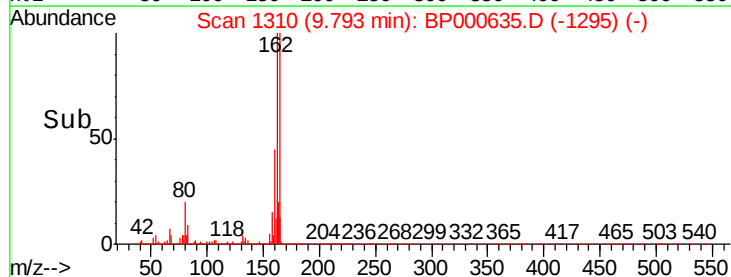
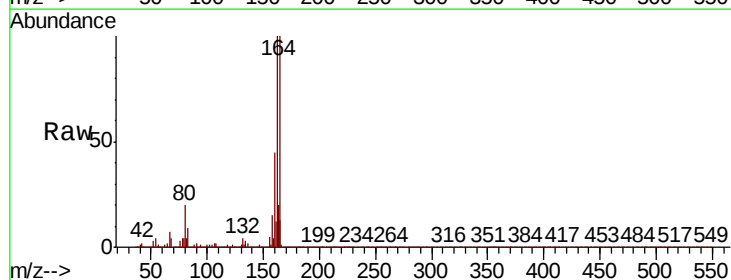
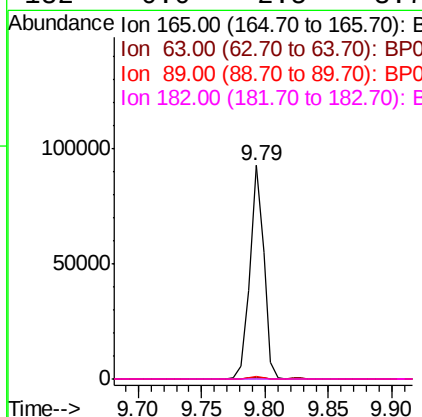
Instrument :
BNA_P
ClientSampleId :

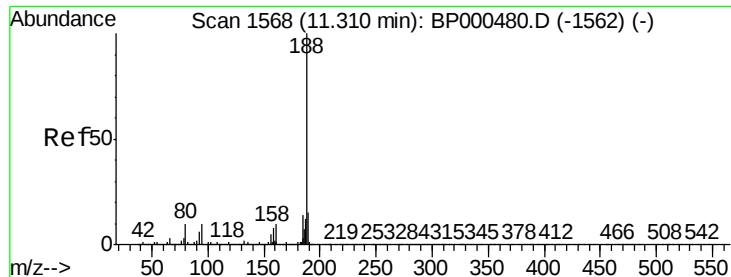
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	9.9	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.491 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	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: BP000635.D

Acq: 11 Oct 2019 16:46

Instrument :

BNA_P

ClientSampleId :

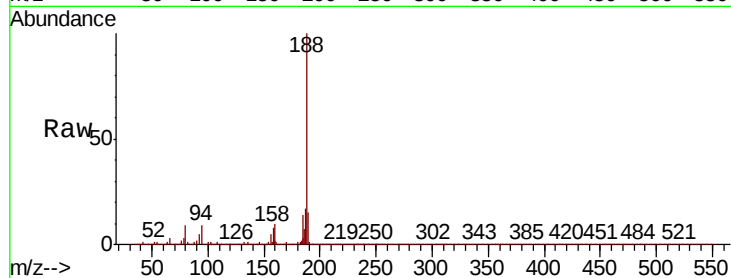
Tot Ion:188 Resp: 1042486

Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.2

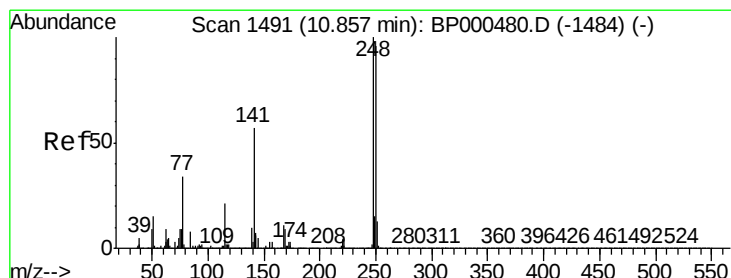
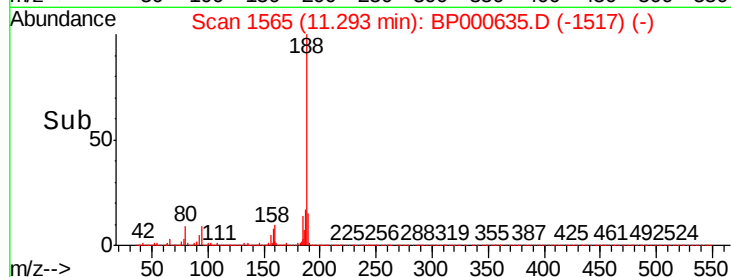
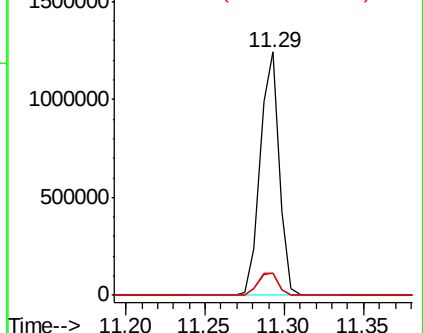
80 9.1 8.3 12.5



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: 4.269 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.26 min

Lab File: BP000635.D

Acq: 11 Oct 2019 16:46

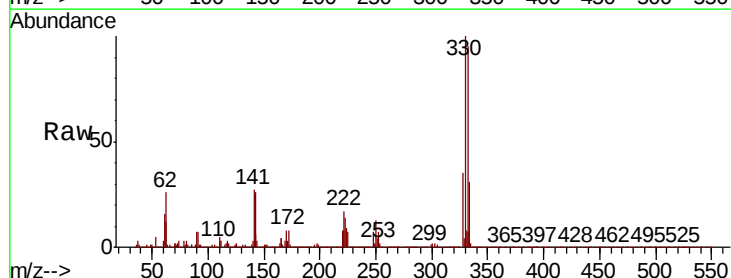
Tgt Ion:248 Resp: 50098

Ion Ratio Lower Upper

248 100

250 197.4 77.2 115.8#

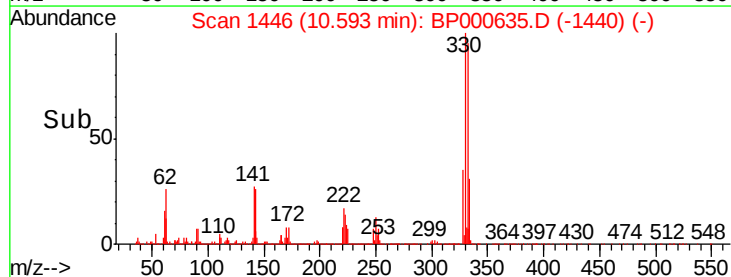
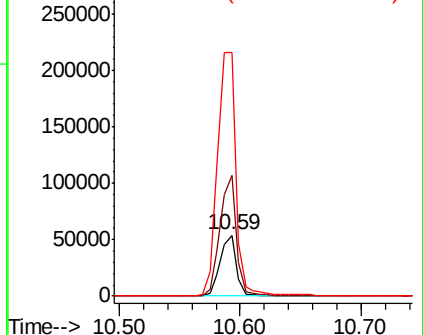
141 399.1 45.3 67.9#

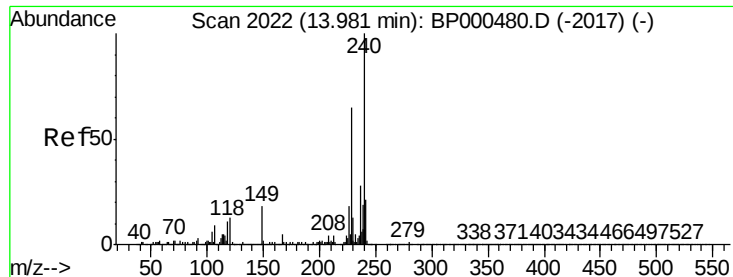


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

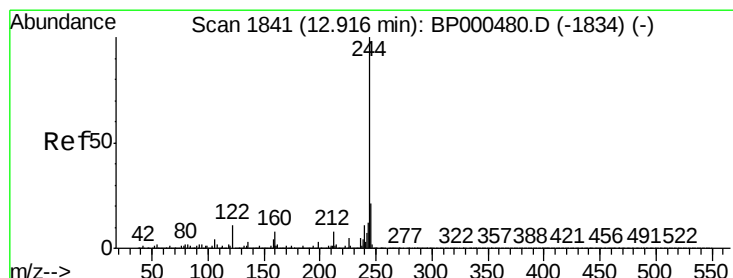
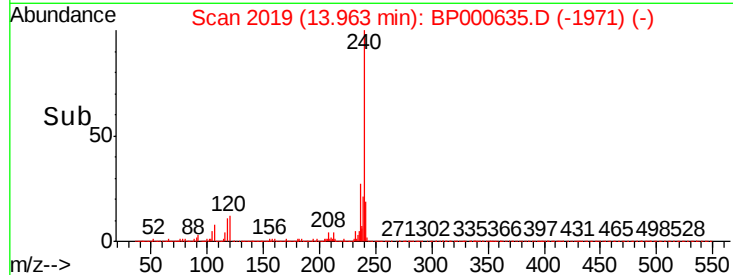
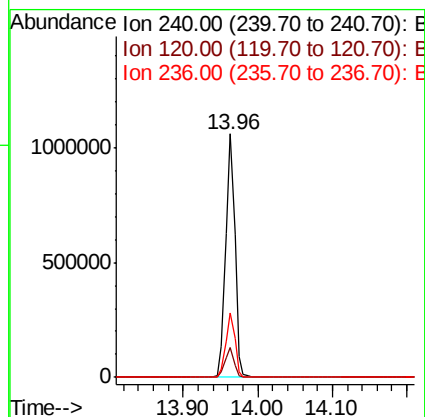
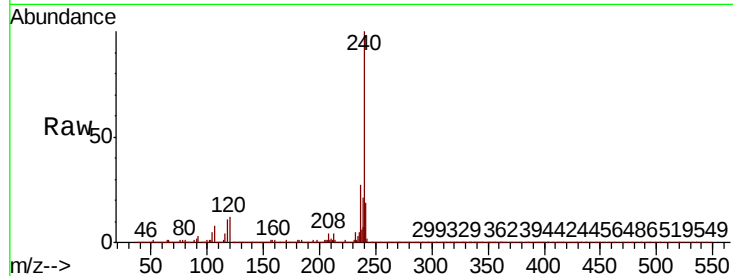




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

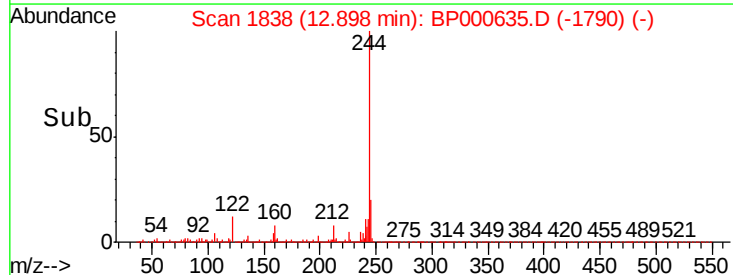
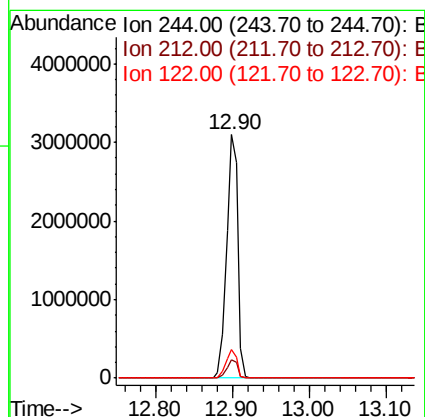
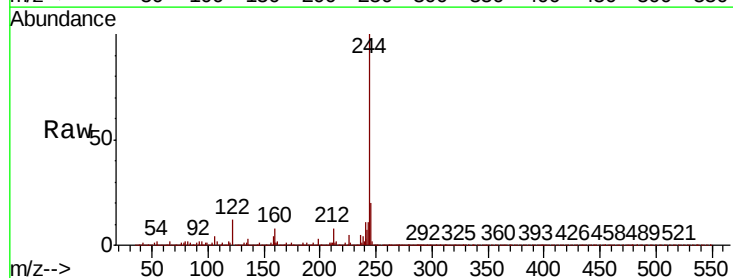
Instrument :
BNA_P
ClientSampleId :

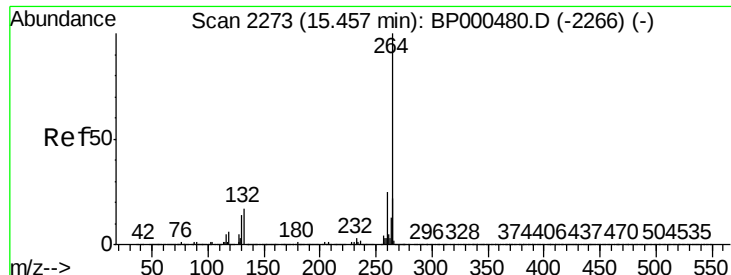
Tot Ion:240 Resp: 911812
Ion Ratio Lower Upper
240 100
120 12.1 10.1 15.1
236 26.6 22.7 34.1



#79
Terphenyl-d14
Concen: 69.035 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Tgt Ion:244 Resp: 3108914
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 11.6 8.9 13.3

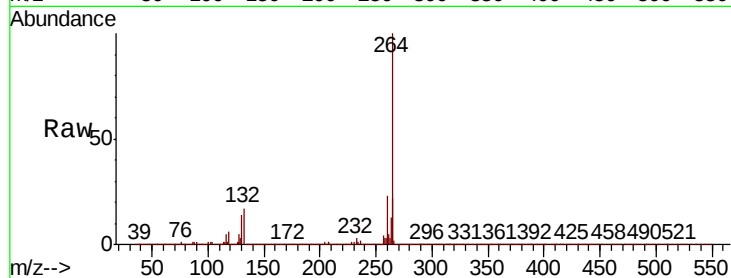




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000635.D
Acq: 11 Oct 2019 16:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	20.3	30.5
265	21.5	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

