

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000645.D
 Acq On : 11 Oct 2019 20:46
 Operator : JU
 Sample : K5298-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 11 23:11:12 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

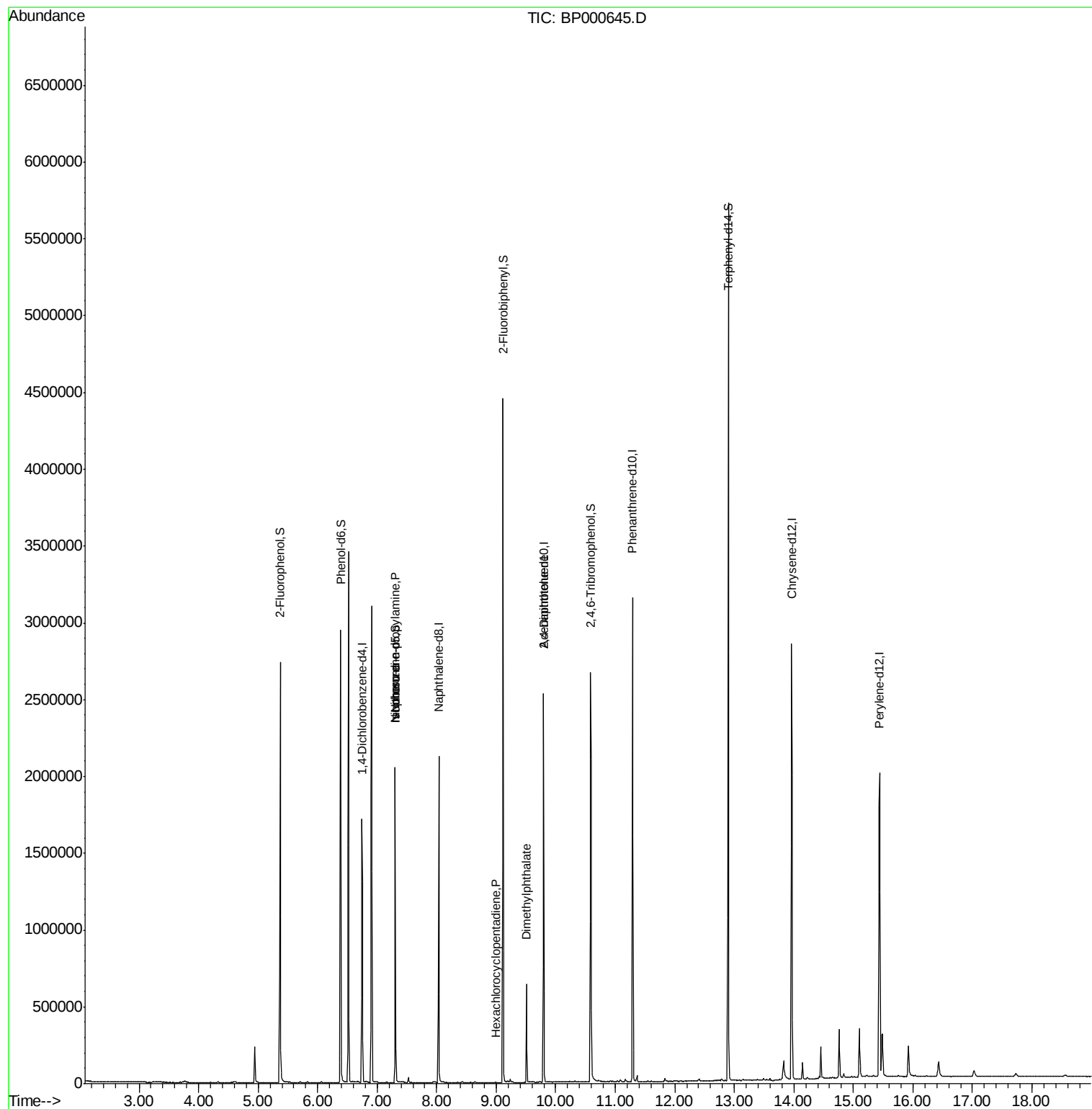
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	252428	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	947929	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	541708	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1028374	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	879046	20.00	ng	-0.02
87) Perylene-d12	15.44	264	914346	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	870215	55.41	ng	-0.02
7) Phenol-d6	6.39	99	1155211	61.05	ng	-0.02
23) Nitrobenzene-d5	7.30	82	631435	40.68	ng	-0.03
42) 2,4,6-Tribromophenol	10.59	330	324508	56.22	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1451771	43.36	ng	-0.02
79) Terphenyl-d14	12.90	244	1827699	42.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	77054	8.834	ng	# 74
25) Isophorone	7.30	82	631123	22.912	ng	# 61
41) Hexachlorocyclopentadiene	8.99	237	7	7.298	ng	93
50) Dimethylphthalate	9.51	163	234536	6.231	ng	100
57) 2,4-Dinitrotoluene	9.79	165	70802	6.505	ng	# 31

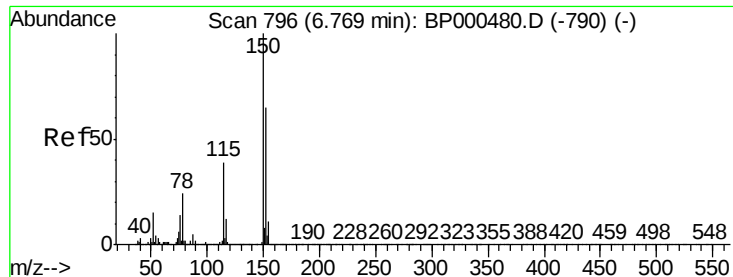
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
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ALS Vial : 16 Sample Multiplier: 1

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QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



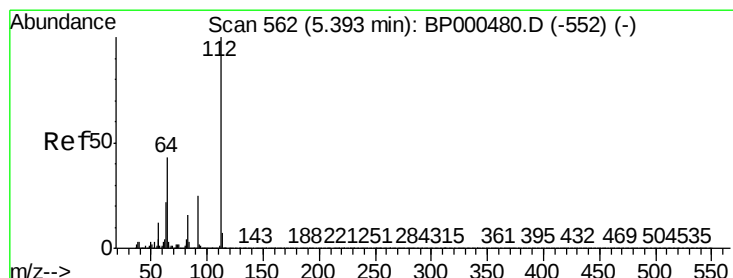
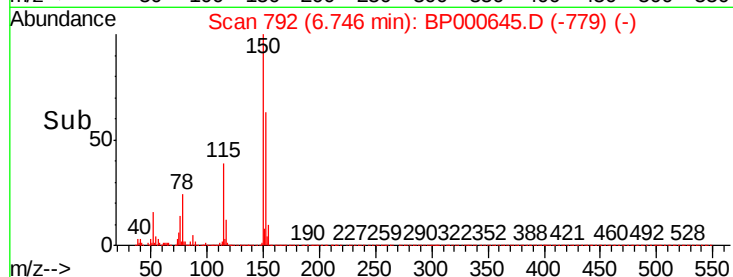
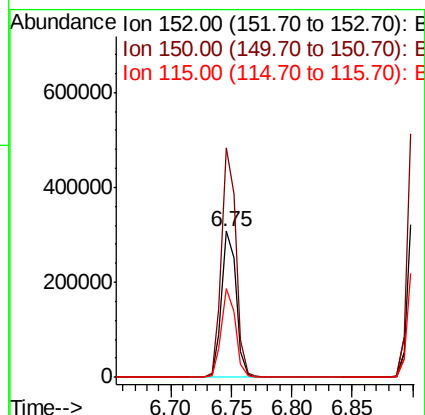
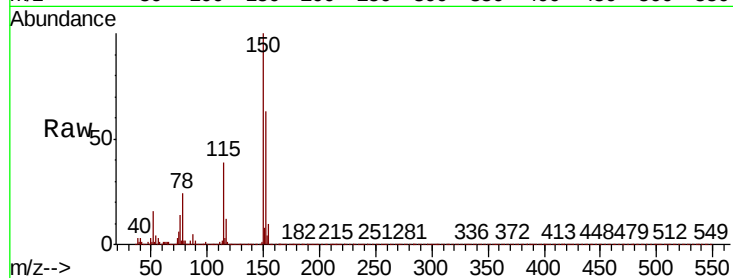


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :

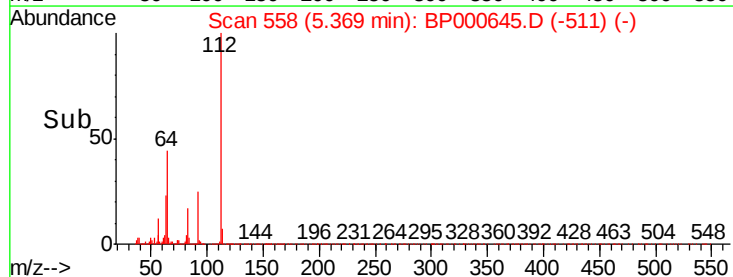
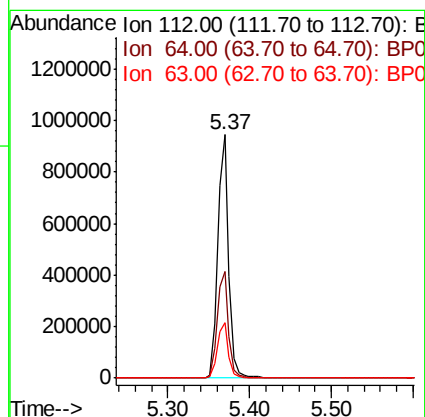
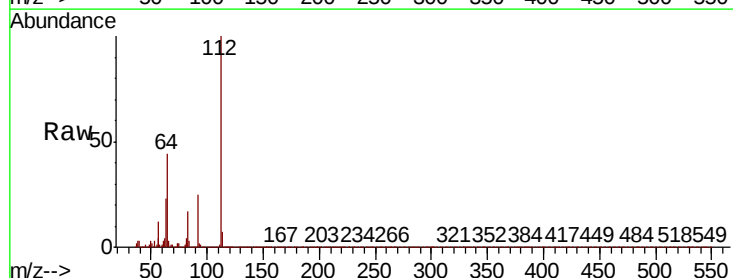
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.1	186.1
115	61.0	48.7	73.1

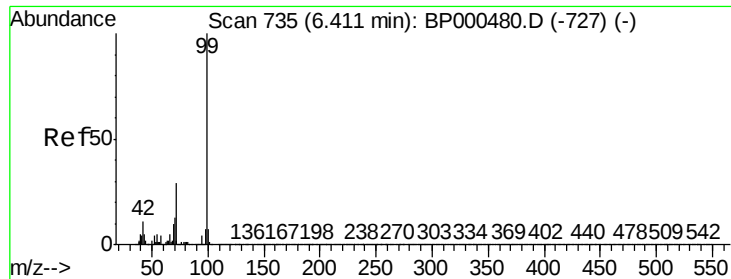


#5

2-Fluorophenol
Concen: 55.415 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.9	34.2	51.4
63	22.6	17.9	26.9





#7

Phenol-d6

Concen: 61.046 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000645.D

Acq: 11 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

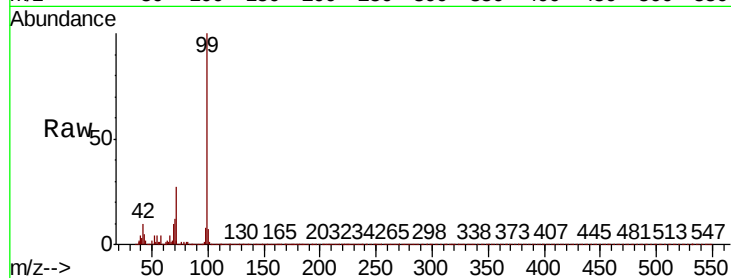
Tot Ion: 99 Resp: 1155211

Ion Ratio Lower Upper

99 100

42 10.2 8.6 12.8

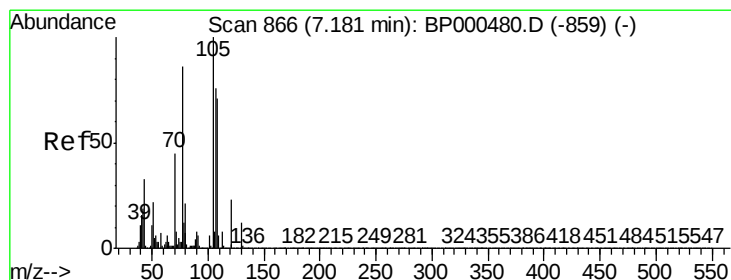
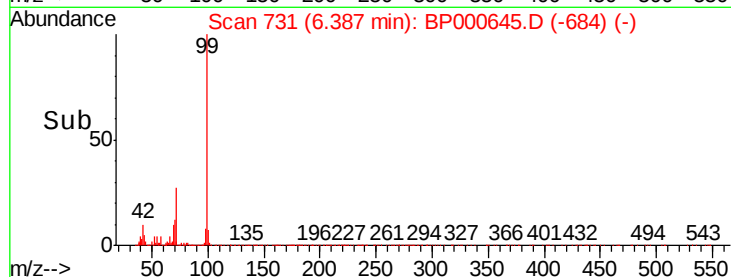
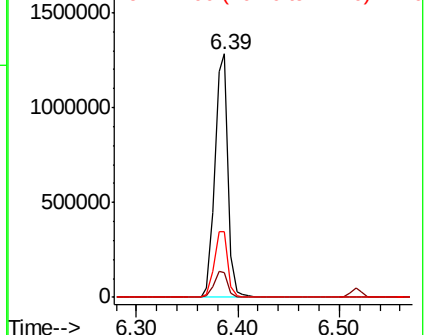
71 27.1 23.0 34.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 8.834 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.12 min

Lab File: BP000645.D

Acq: 11 Oct 2019 20:46

Tgt Ion: 70 Resp: 77054

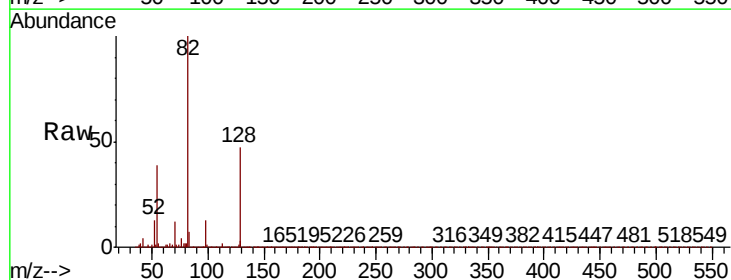
Ion Ratio Lower Upper

70 100

42 35.7 33.2 49.8

101 0.0 9.9 14.9#

130 2.5 21.8 32.8#

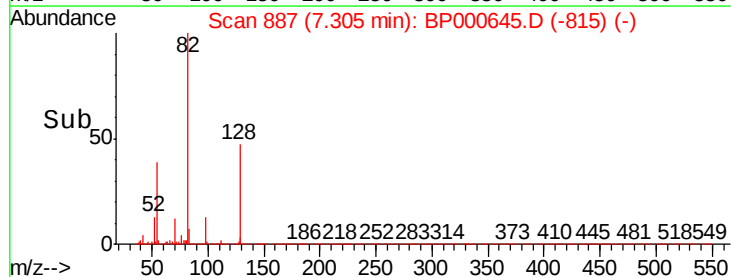
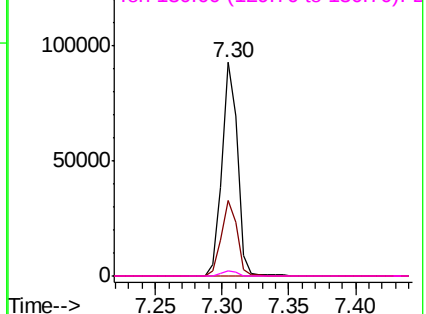


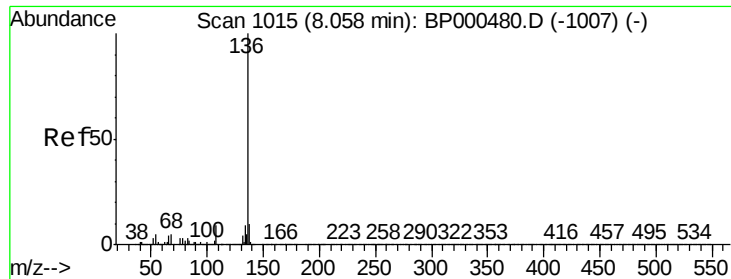
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

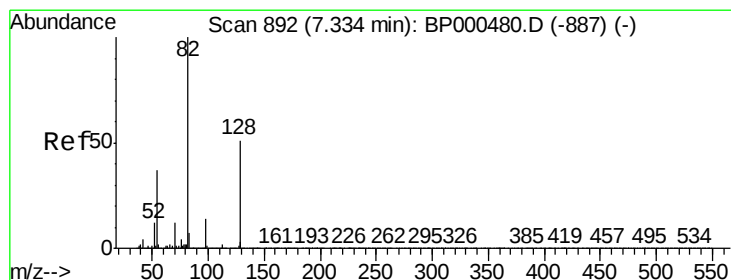
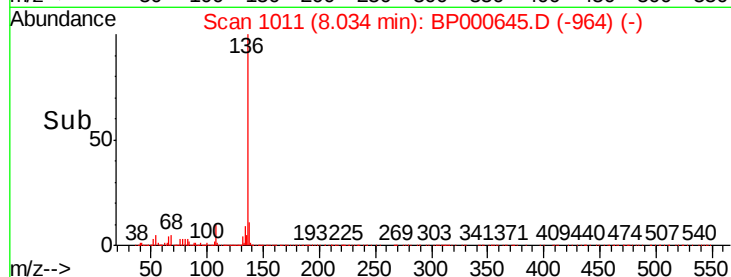
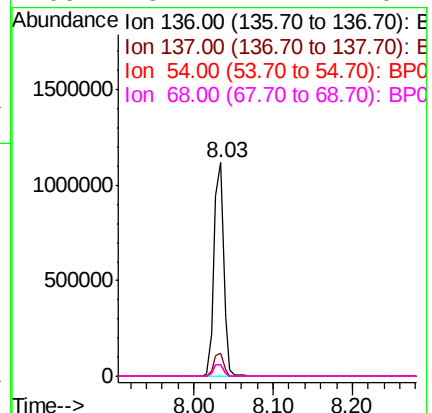
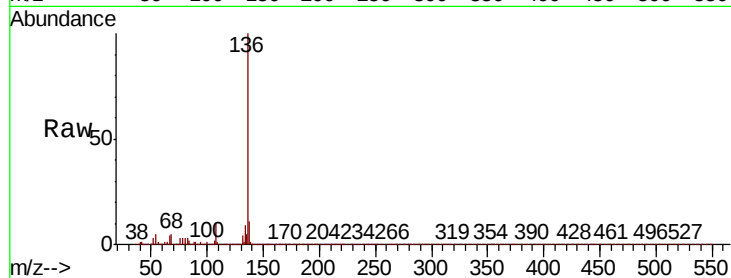




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

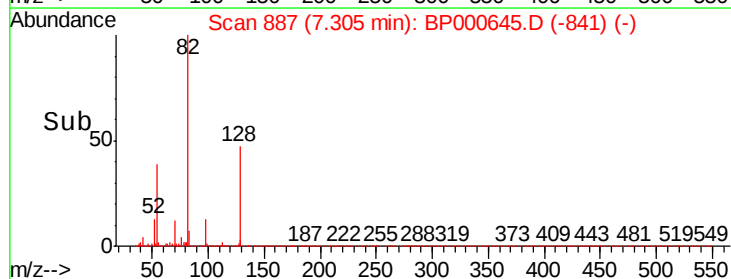
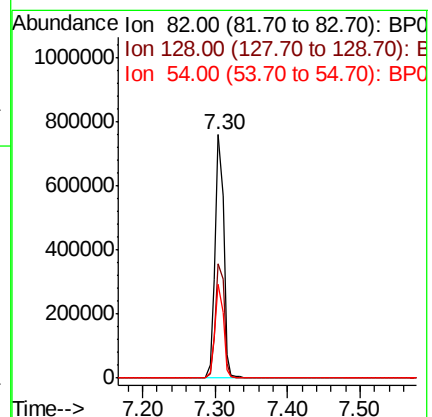
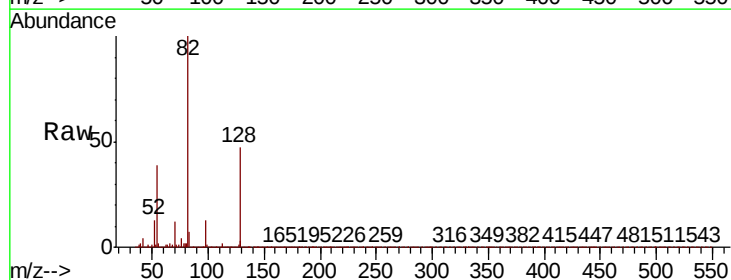
Instrument :
BNA_P
ClientSampleId :

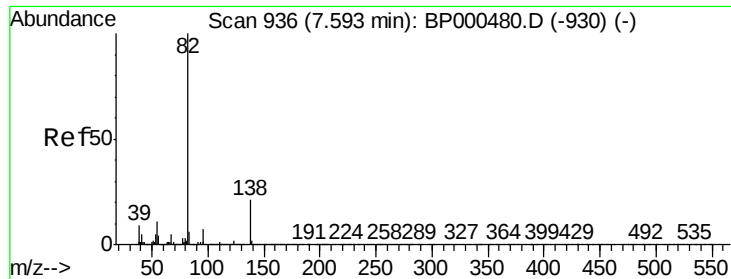
Tot Ion:136	Resp:	947929	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	8.2	12.4	
54 5.5	4.1	6.1	
68 5.4	4.1	6.1	



#23
Nitrobenzene-d5
Concen: 40.684 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.03 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

Tgt	Ion: 82	Resp:	631435
Ion	Ratio	Lower	Upper
82	100		
128	47.0	40.9	61.3
54	38.6	29.4	44.2





#25

Isophorone

Concen: 22.912 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.29 min

Lab File: BP000645.D

Acq: 11 Oct 2019 20:46

Instrument :

BNA_P

ClientSampleId :

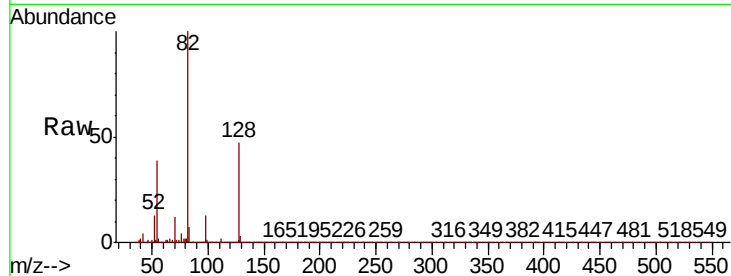
Tot Ion: 82 Resp: 631123

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

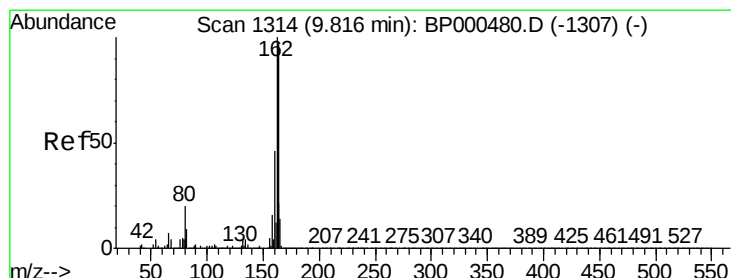
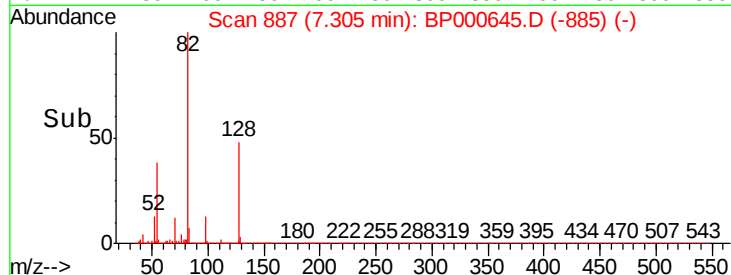
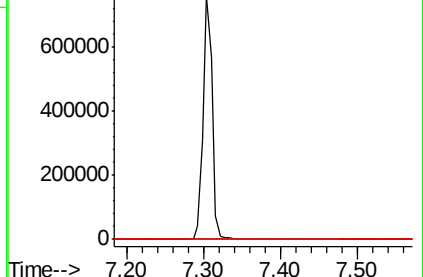
138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 95.00 (94.70 to 95.70): BP0

Ion 138.00 (137.70 to 138.70): BP0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000645.D

Acq: 11 Oct 2019 20:46

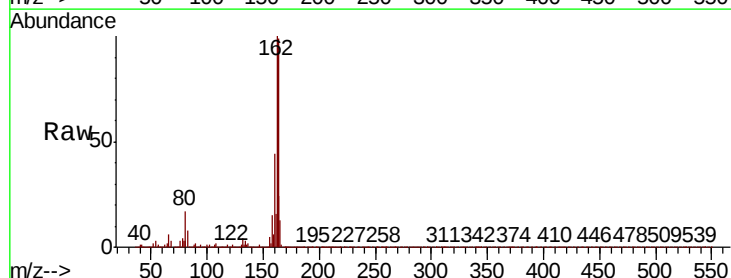
Tgt Ion: 164 Resp: 541708

Ion Ratio Lower Upper

164 100

162 101.1 82.2 123.2

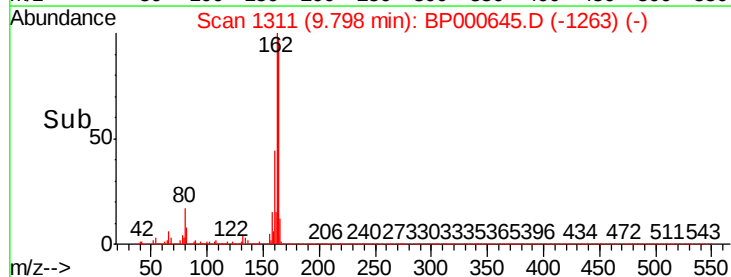
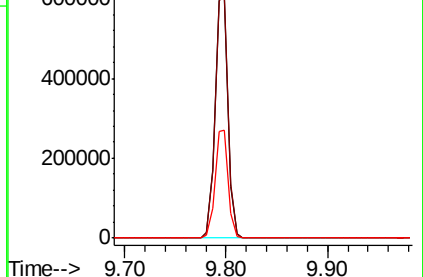
160 44.8 37.6 56.4

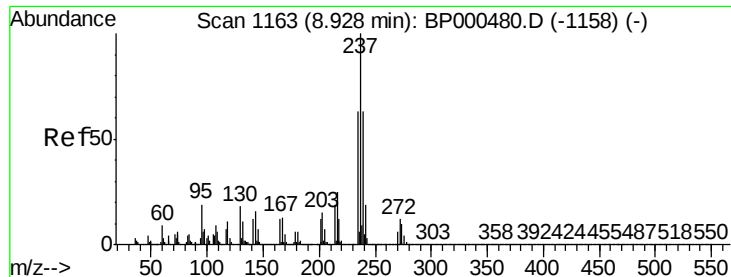


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

Hexachlorocyclopentadiene

Concen: 7.298 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.06 min

Lab File: BP000645.D

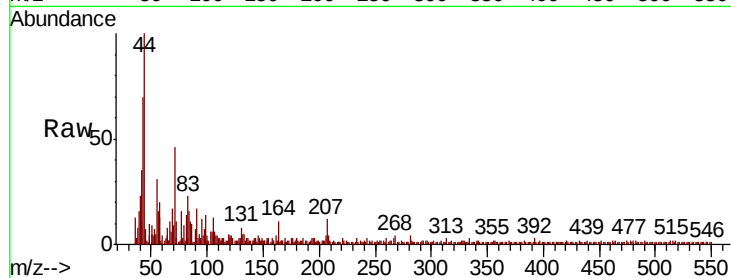
Acq: 11 Oct 2019 20:46

Instrument :

BNA_P

ClientSampled :

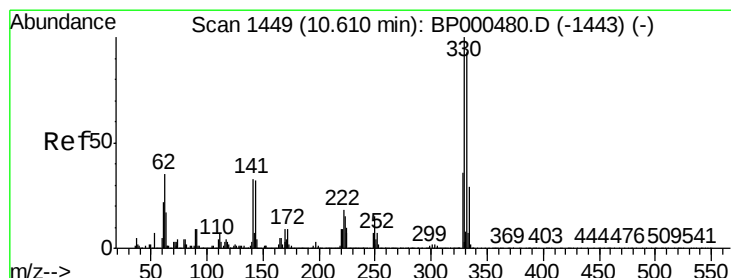
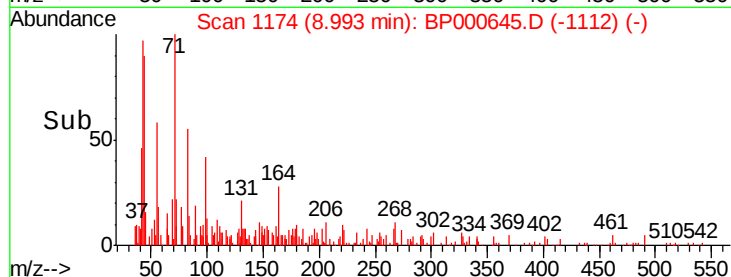
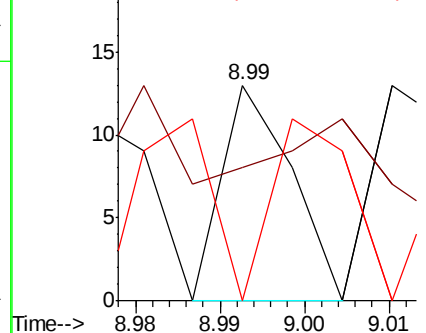
Tot Ion:	237	Resp:	7
Ion	Ratio	Lower	Upper
237	100		
235	61.5	42.9	82.9
272	0.0	0.0	32.4



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: 56.216 ng

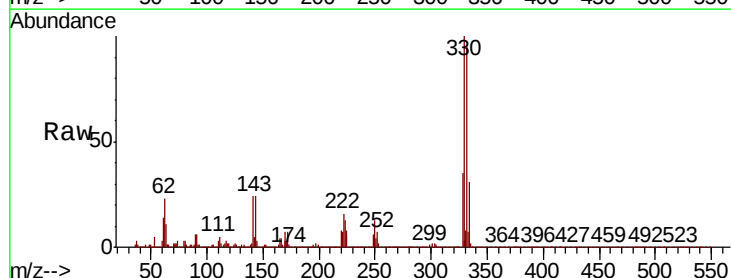
RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000645.D

Acq: 11 Oct 2019 20:46

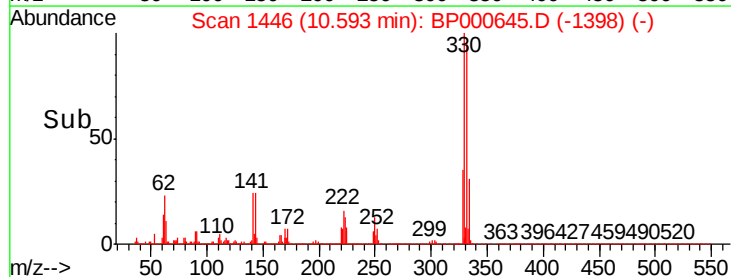
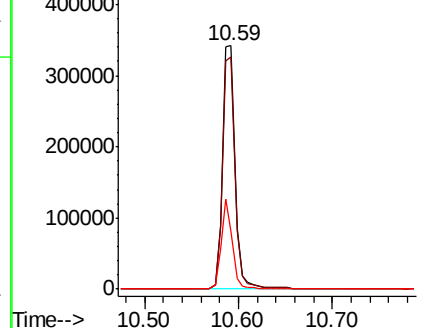
Tgt Ion:	330	Resp:	324508
Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.1	115.7
141	32.9	26.0	39.0

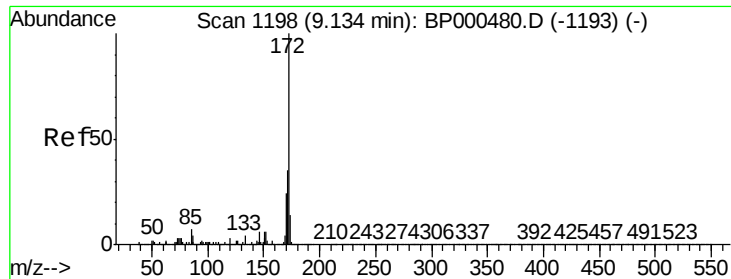


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

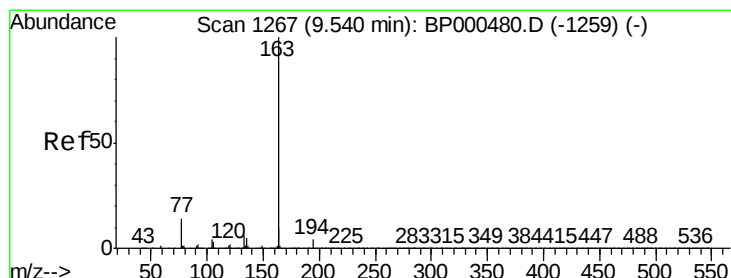
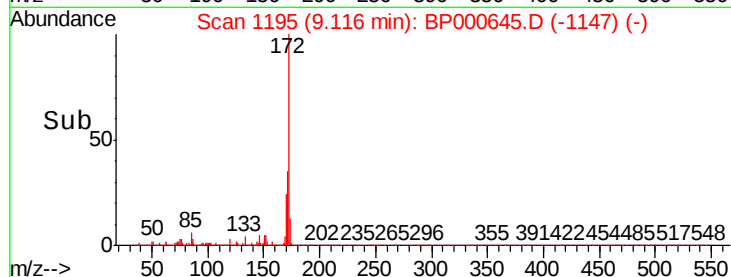
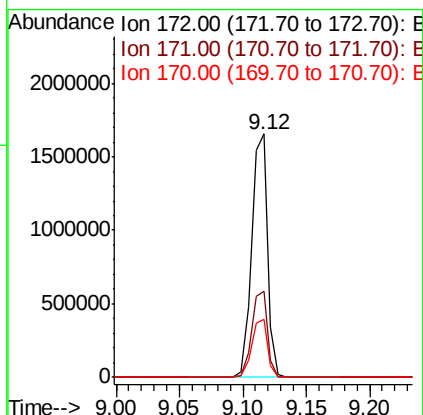
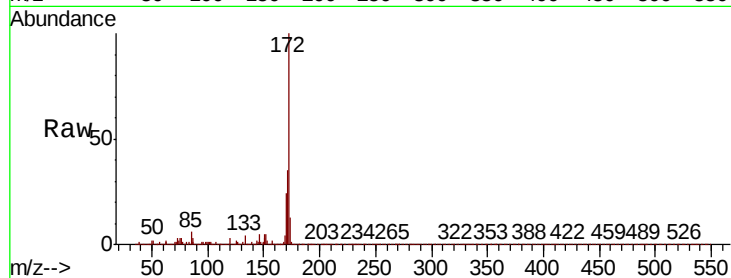




#45
2-Fluorobiphenyl
Concen: 43.362 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

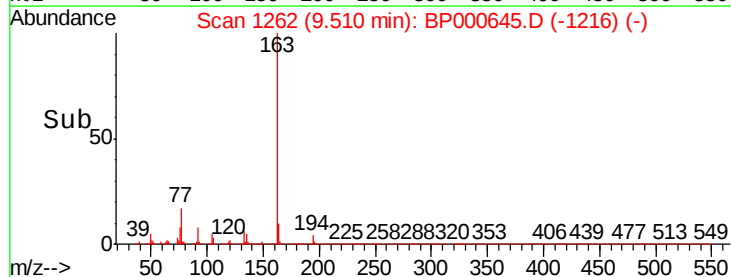
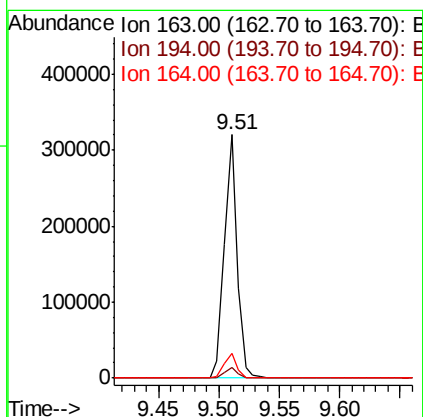
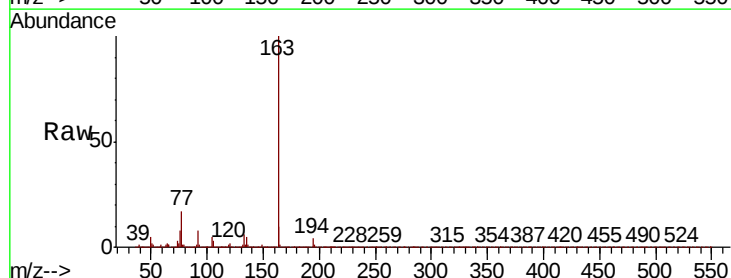
Instrument :
BNA_P
ClientSampleId :

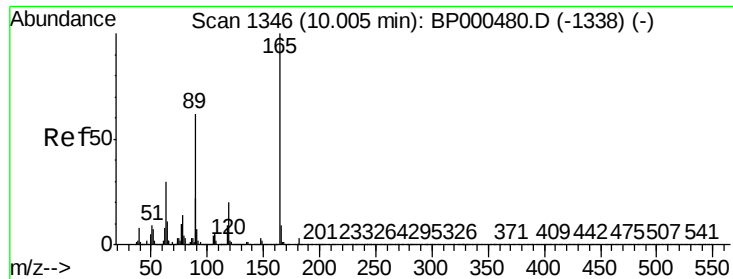
Tot Ion:172 Resp: 1451771
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.1 28.7



#50
Dimethylphthalate
Concen: 6.231 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

Tgt Ion:163 Resp: 234536
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.0 8.0 12.0

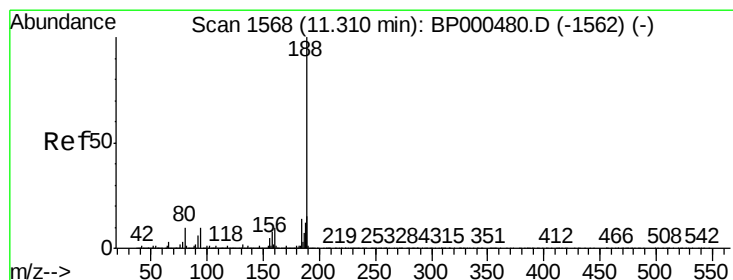
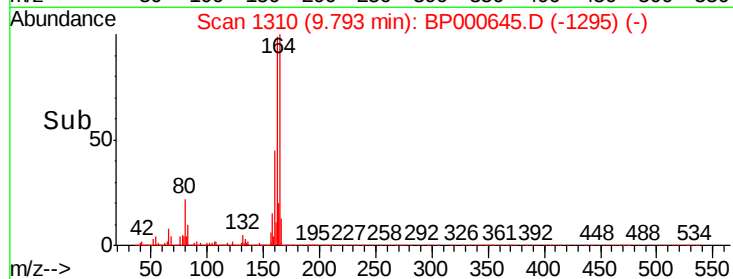
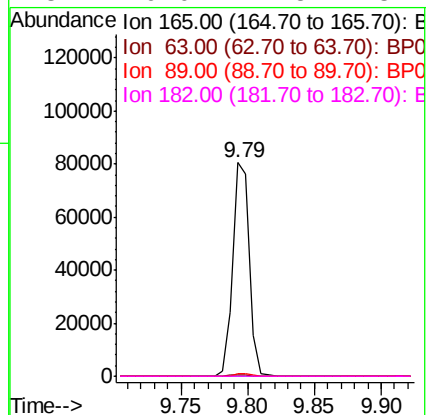
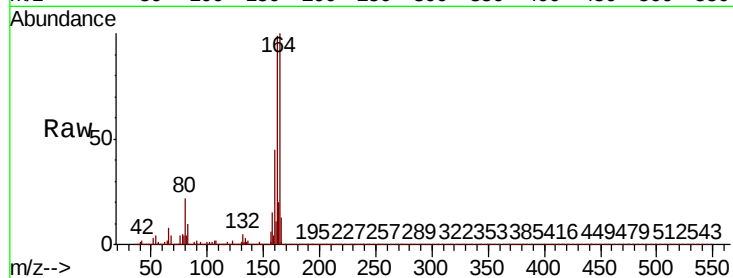




#57
2,4-Dinitrotoluene
Concen: 6.505 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

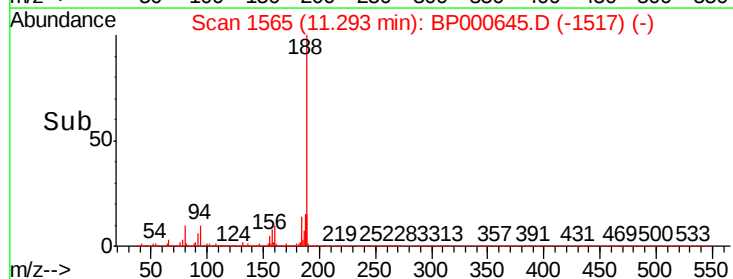
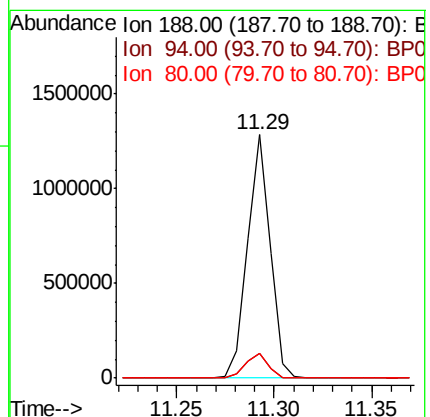
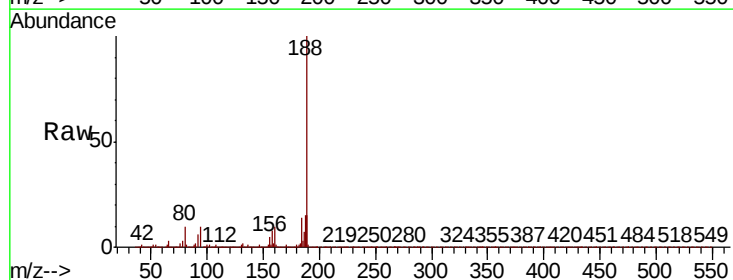
Instrument :
BNA_P
ClientSampleId :

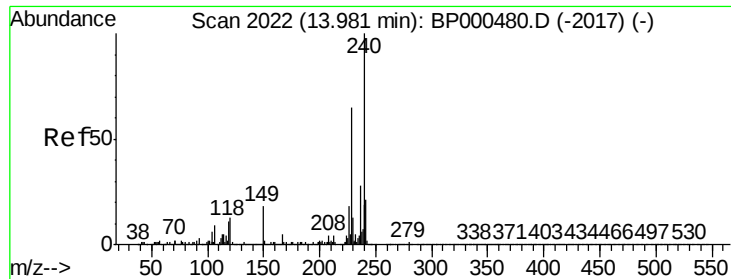
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.1	49.4	74.0#
182	0.0	2.5	3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.2	12.2
80	10.0	8.3	12.5

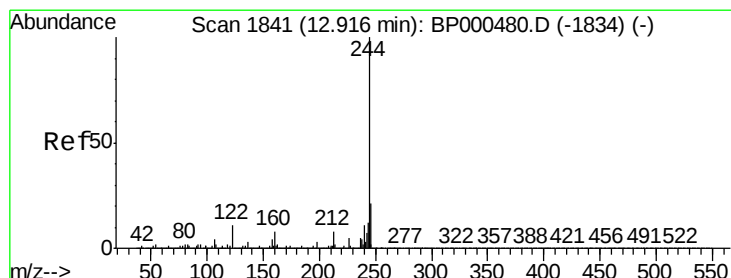
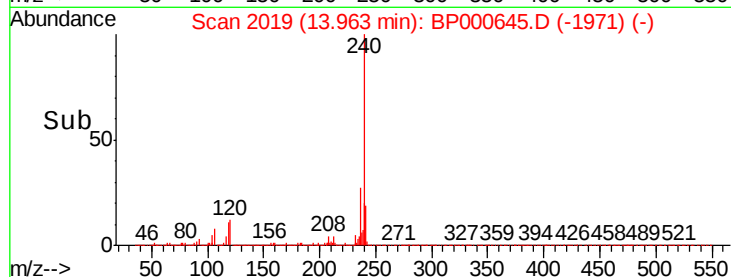
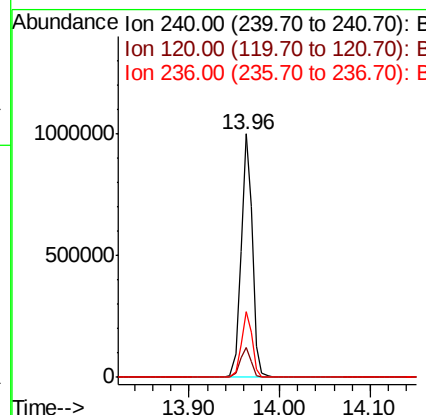
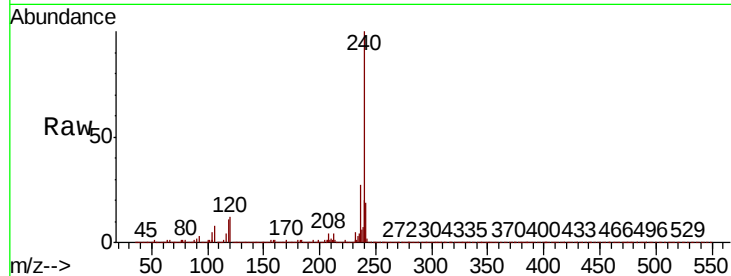




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

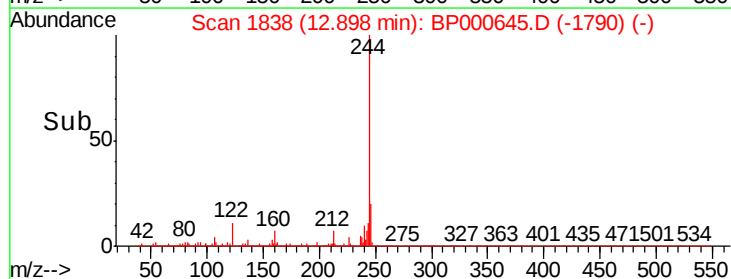
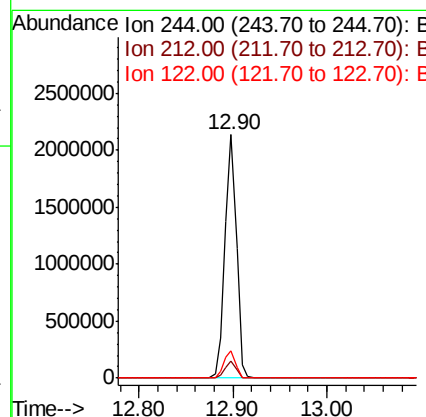
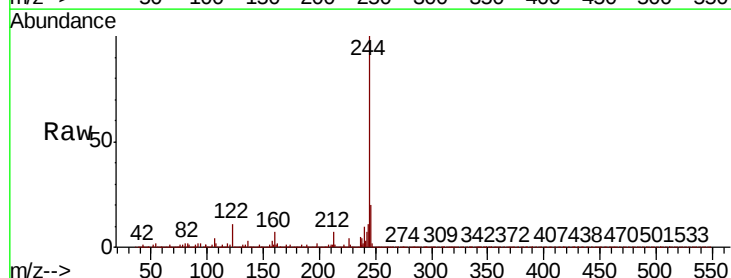
Instrument :
BNA_P
ClientSampled :

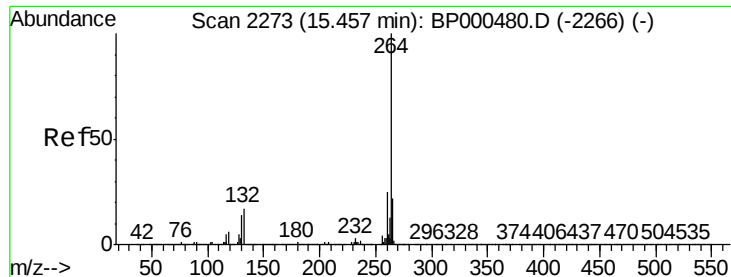
Tot Ion:240 Resp: 879046
Ion Ratio Lower Upper
240 100
120 12.5 10.1 15.1
236 26.8 22.7 34.1



#79
Terphenyl-d14
Concen: 42.098 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

Tgt Ion:244 Resp: 1827699
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 11.3 8.9 13.3

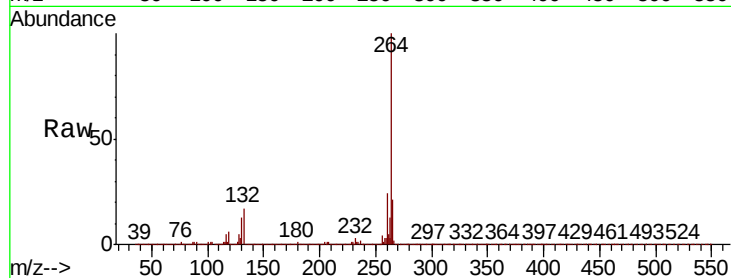




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000645.D
Acq: 11 Oct 2019 20:46

Instrument :
BNA_P
ClientSampleId :

Tot 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

