

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000682.D
 Acq On : 12 Oct 2019 21:10
 Operator : JU
 Sample : K5266-06RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 04:37:48 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

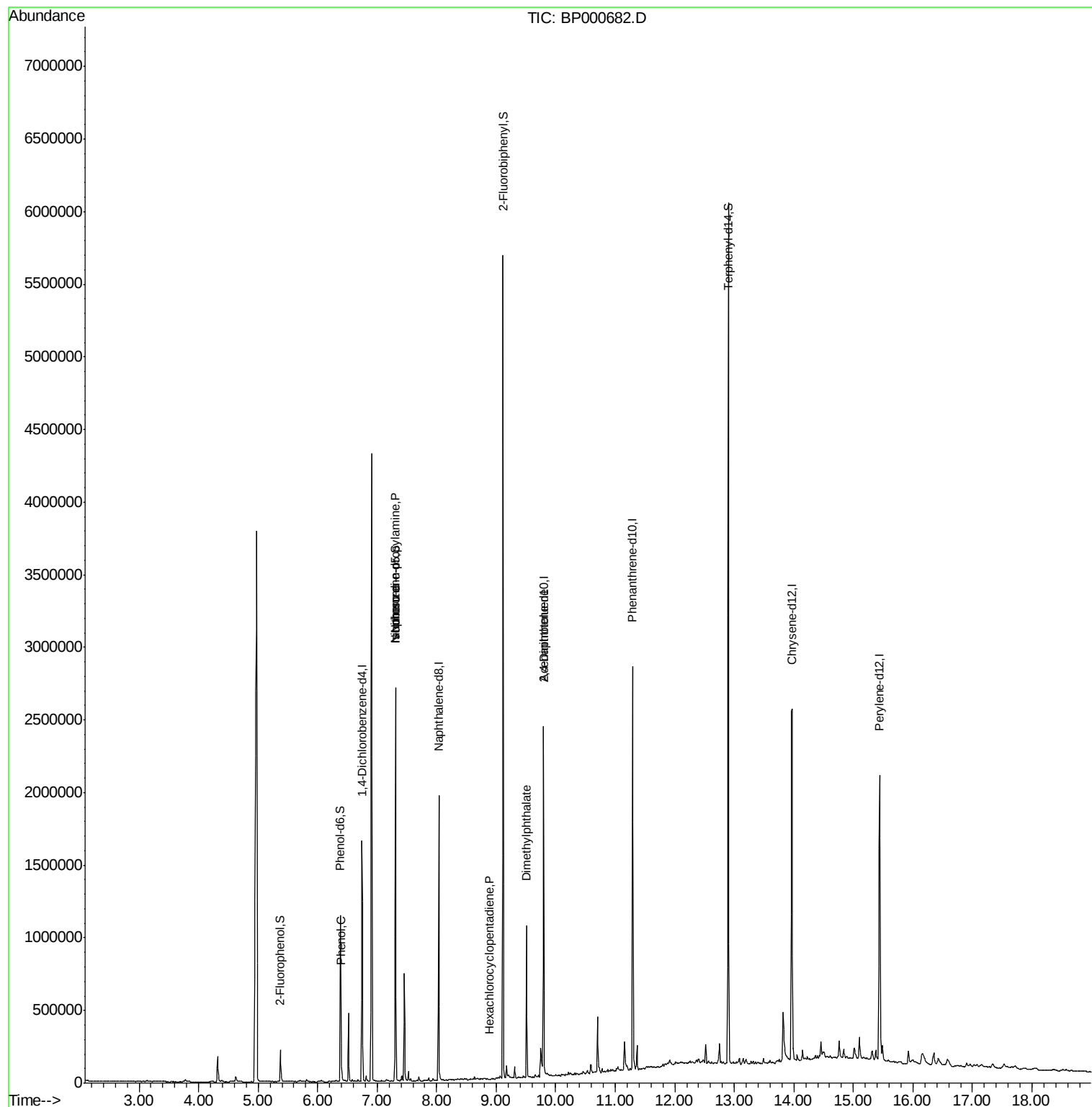
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	246790	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	900819	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	502413	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	927975	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	816632	20.00	ng	-0.01
87) Perylene-d12	15.44	264	878223	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	73157	4.77	ng	-0.02
7) Phenol-d6	6.38	99	401528	21.70	ng	-0.03
23) Nitrobenzene-d5	7.31	82	894718	60.66	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	8420	1.57	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1740024	56.04	ng	-0.02
79) Terphenyl-d14	12.90	244	2108439	52.28	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	67844	3.582	ng	88
19) n-Nitroso-di-n-propylamine	7.31	70	110051	12.905	ng	# 72
25) Isophorone	7.31	82	893834	34.146	ng	# 61
41) Hexachlorocyclopentadiene	8.89	237	17	7.299	ng	74
50) Dimethylphthalate	9.51	163	374353	10.723	ng	100
57) 2,4-Dinitrotoluene	9.79	165	65018	6.441	ng	# 31

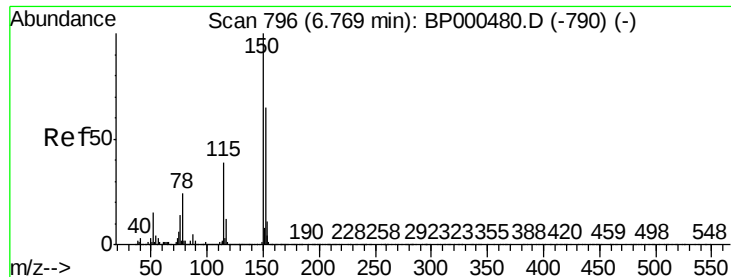
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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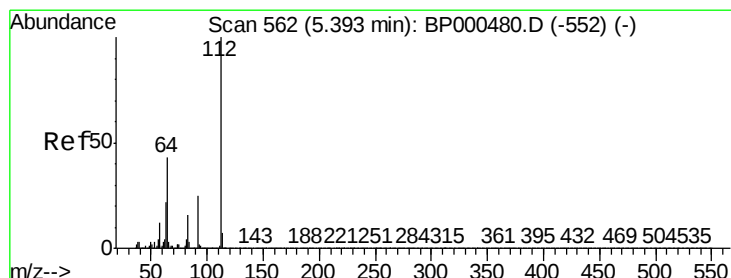
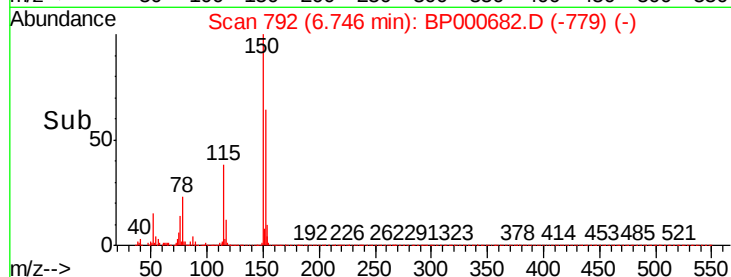
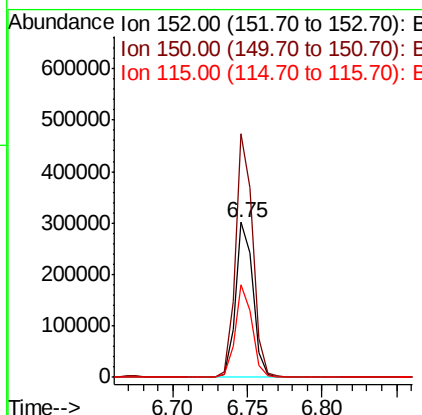
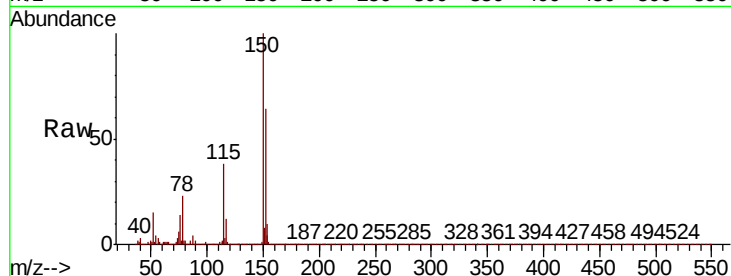


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

Instrument :
BNA_P
ClientSampleId :

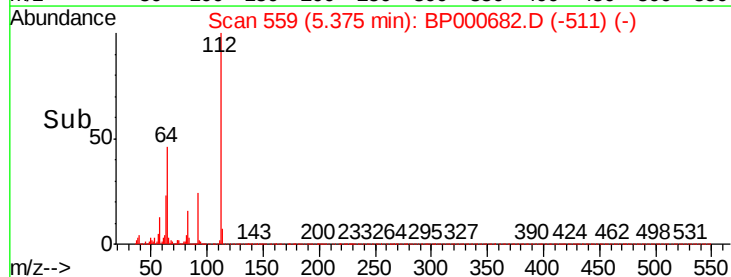
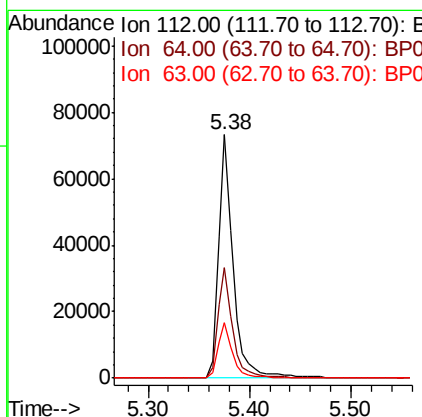
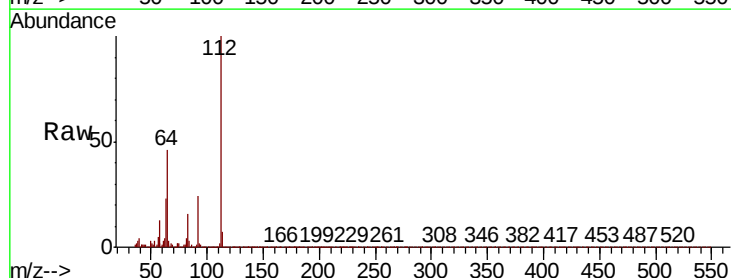
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	124.1	186.1
115	60.2	48.7	73.1

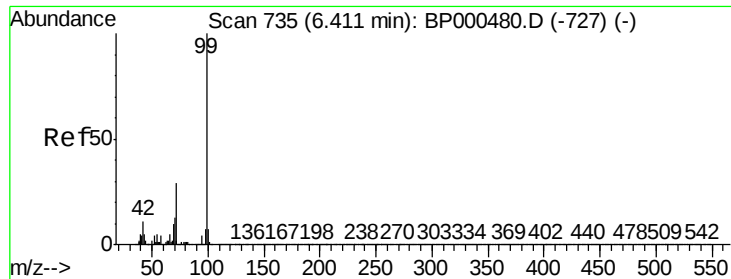


#5

2-Fluorophenol
Concen: 4.765 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.6	34.2	51.4
63	22.9	17.9	26.9





#7

Phenol-d6

Concen: 21.703 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BP000682.D

Acq: 12 Oct 2019 21:10

Instrument :

BNA_P

ClientSampleId :

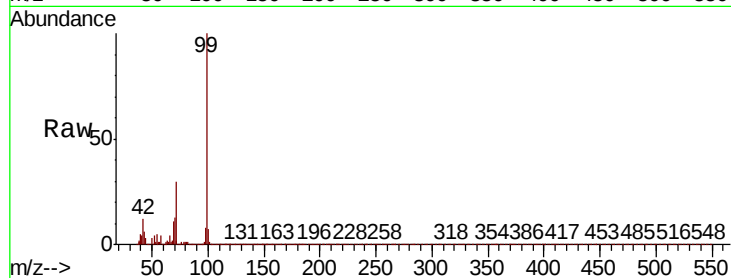
Tot Ion: 99 Resp: 401528

Ion Ratio Lower Upper

99 100

42 11.8 8.6 12.8

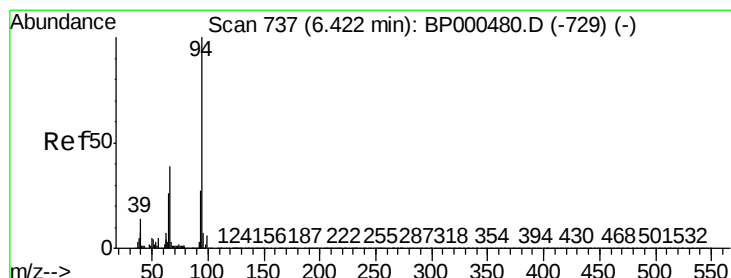
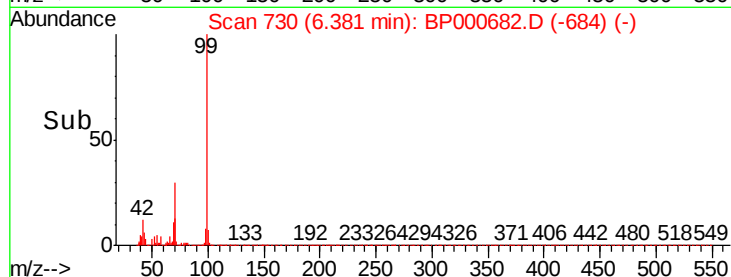
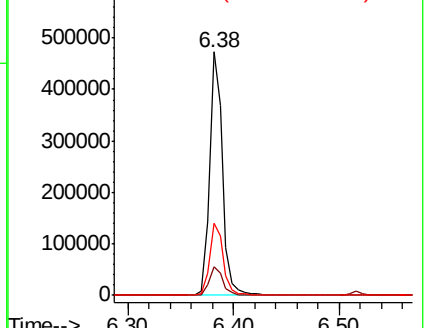
71 29.8 23.0 34.4



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: 3.582 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000682.D

Acq: 12 Oct 2019 21:10

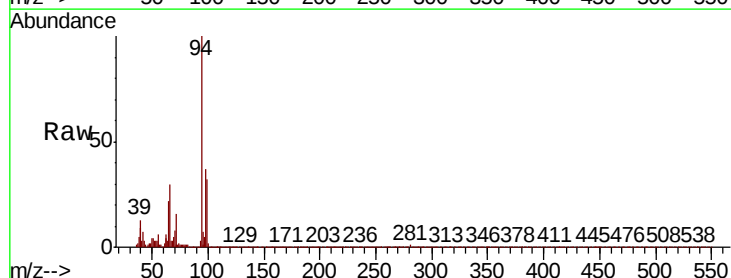
Tgt Ion: 94 Resp: 67844

Ion Ratio Lower Upper

94 100

65 21.7 5.9 45.9

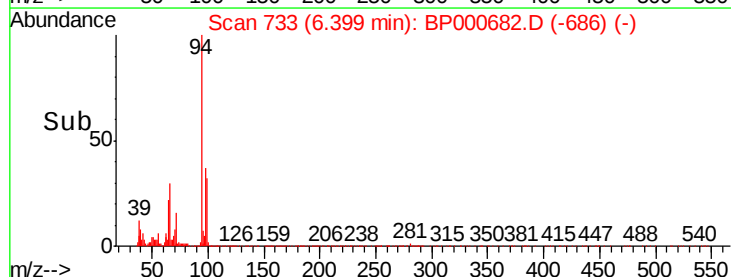
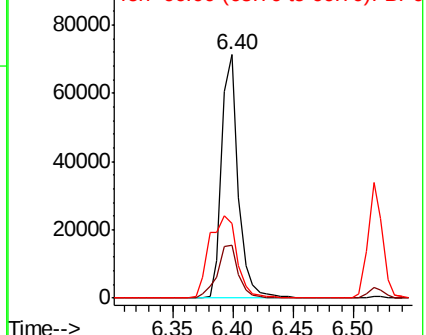
66 30.5 18.8 58.8

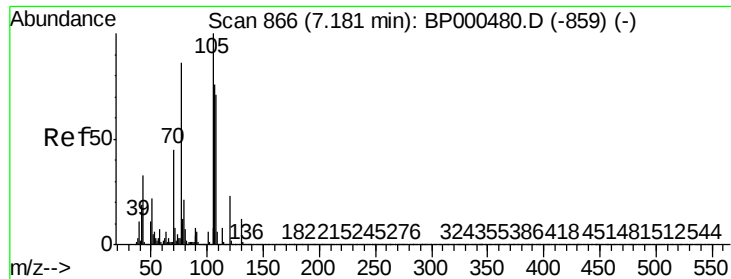


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

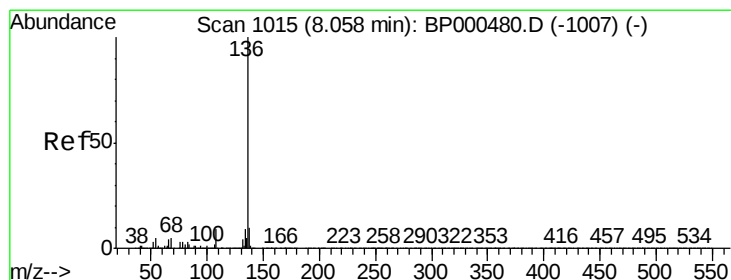
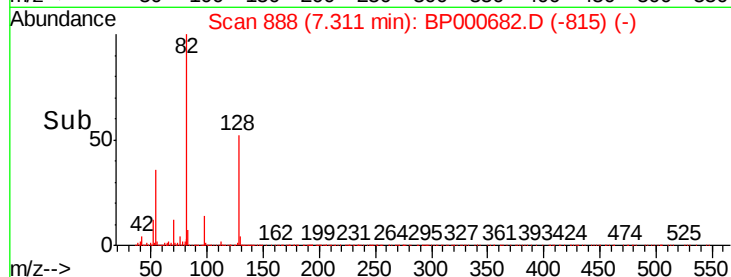
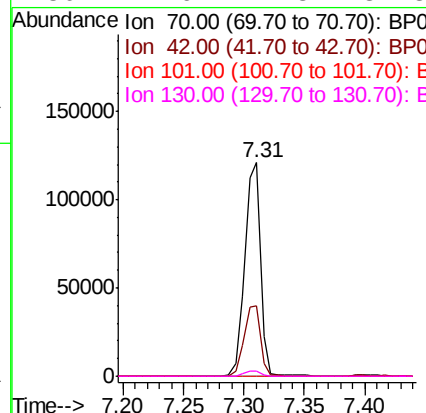
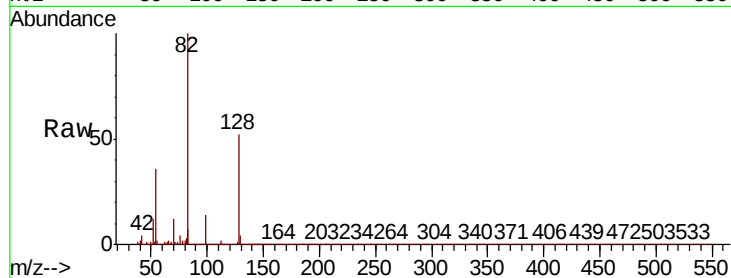




#19
n-Nitroso-di-n-propylamine
Concen: 12.905 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

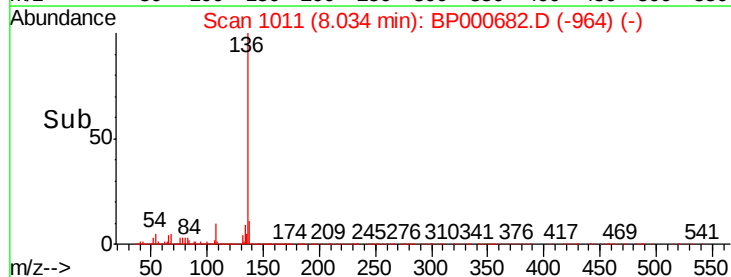
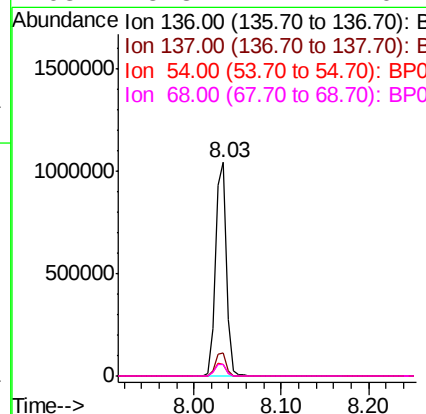
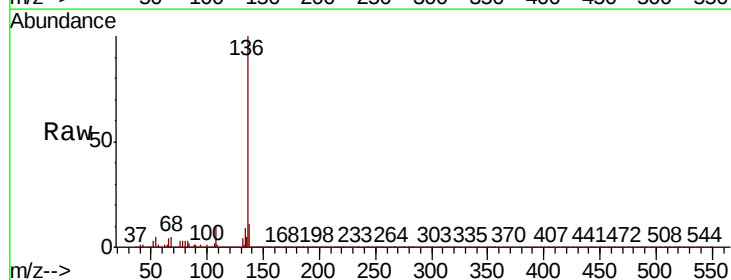
Instrument :
BNA_P
ClientSampleId :

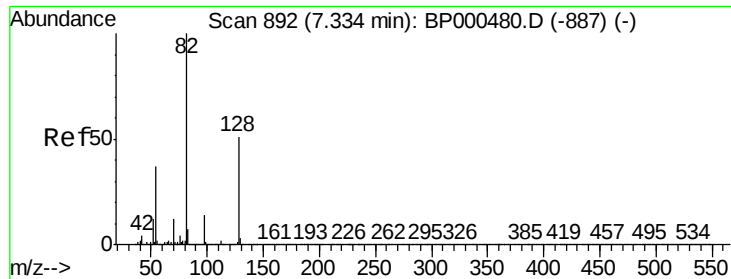
Tot Ion:	70	Resp:	110051
Ion	Ratio	Lower	Upper
70	100		
42	33.0	33.2	49.8#
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

Tgt Ion:	136	Resp:	900819
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.2	12.4
54	5.2	4.1	6.1
68	5.3	4.1	6.1

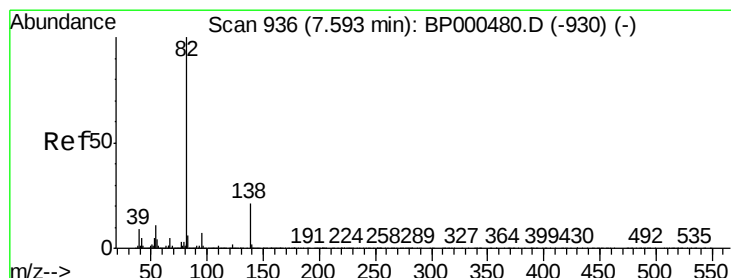
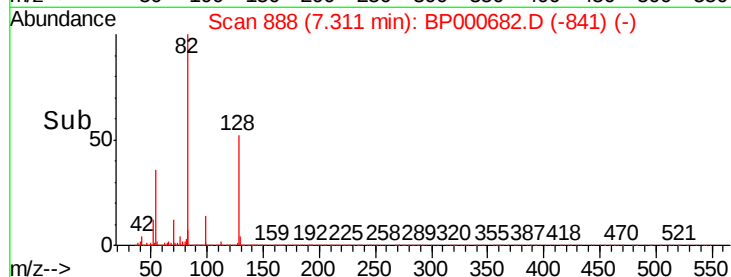
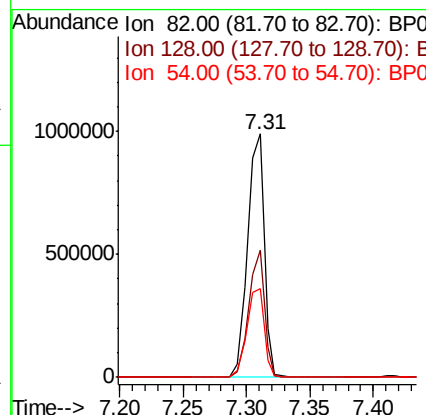
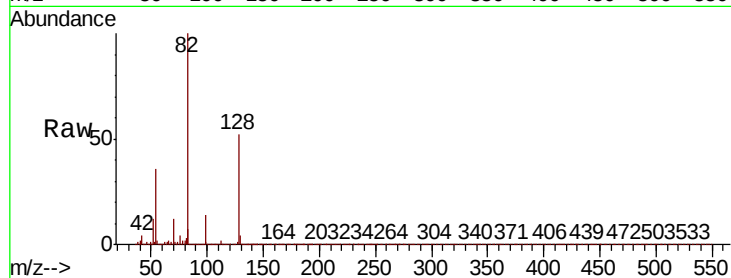




#23
 Nitrobenzene-d5
 Concen: 60.662 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000682.D
 Acq: 12 Oct 2019 21:10

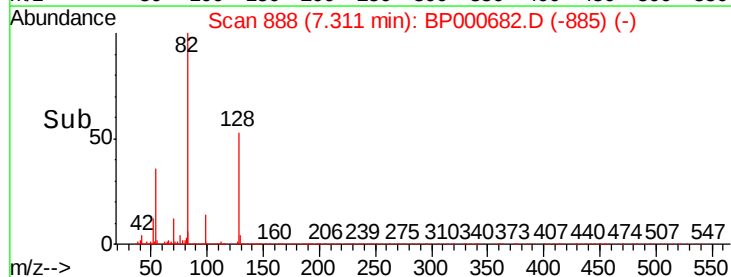
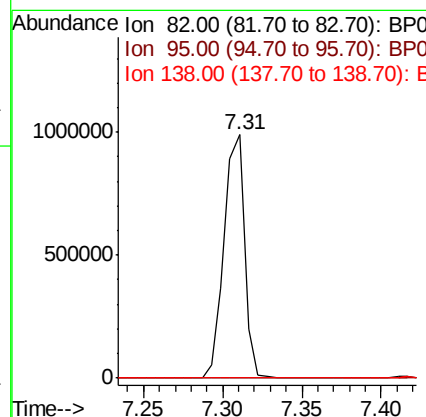
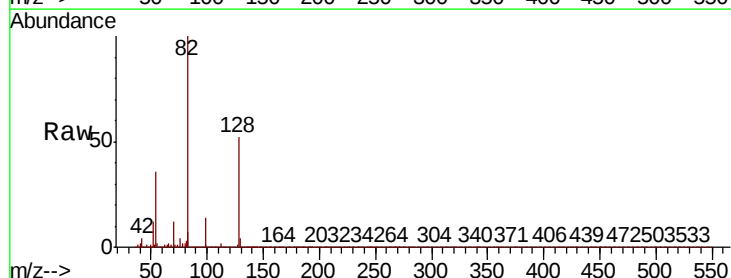
Instrument :
 BNA_P
 ClientSampleId :

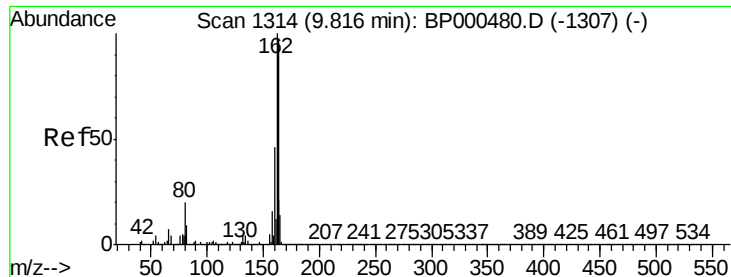
Tot Ion	82	Resp	894718
Ion Ratio	Lower	Upper	
82	100		
128	52.0	40.9	61.3
54	36.2	29.4	44.2



#25
 Isophorone
 Concen: 34.146 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000682.D
 Acq: 12 Oct 2019 21:10

Tgt Ion	82	Resp	893834
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

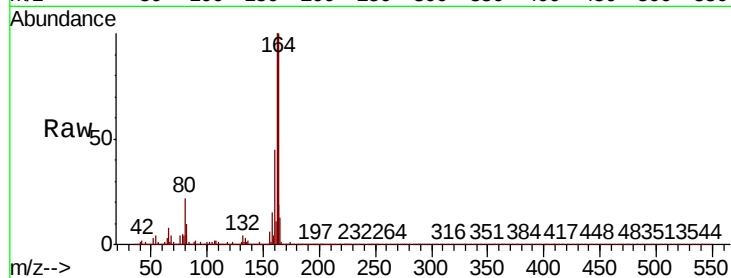




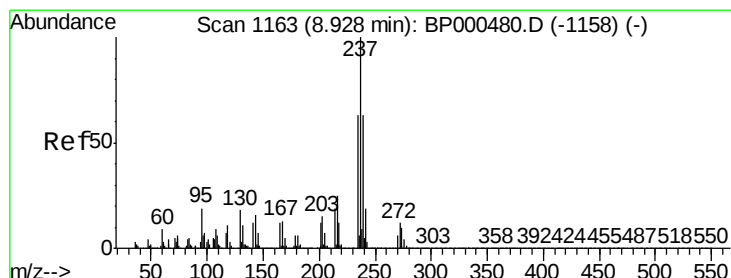
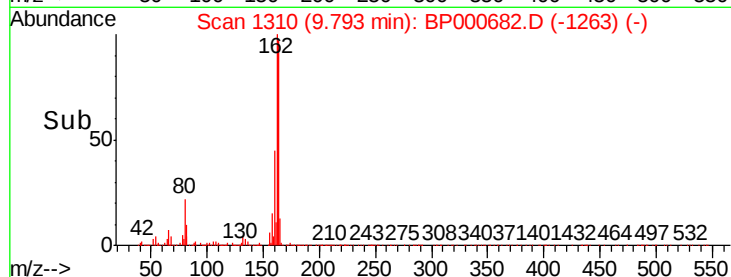
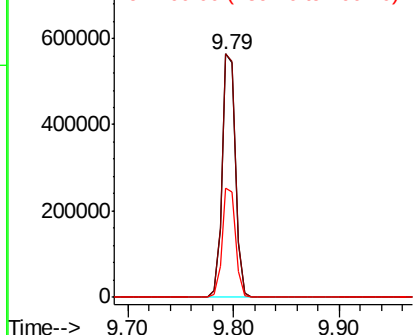
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:164 Resp: 502413
Ion Ratio Lower Upper
164 100
162 99.8 82.2 123.2
160 44.7 37.6 56.4

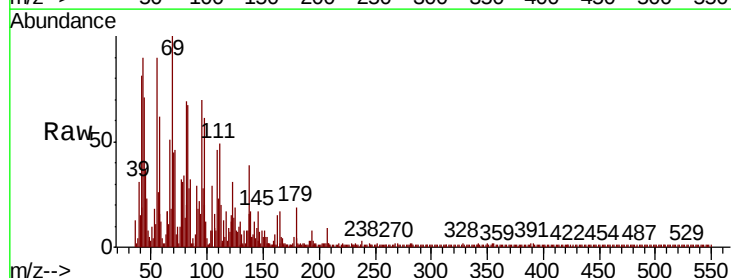


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

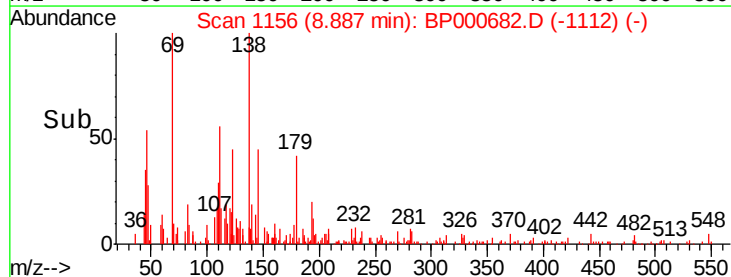
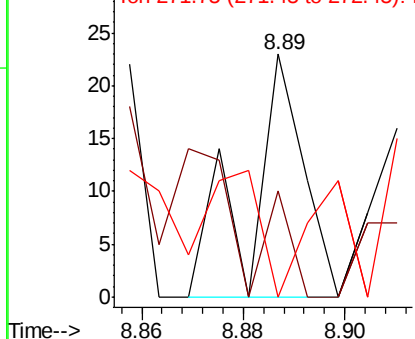


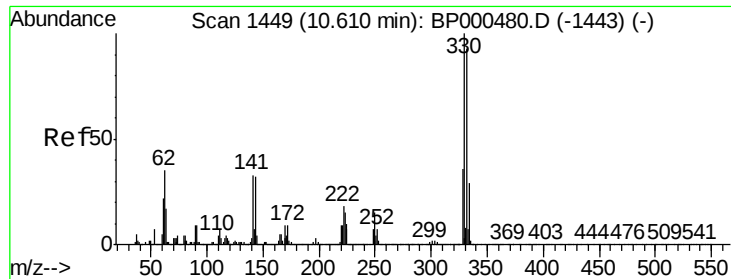
#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.04 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

Tgt Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 43.5 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

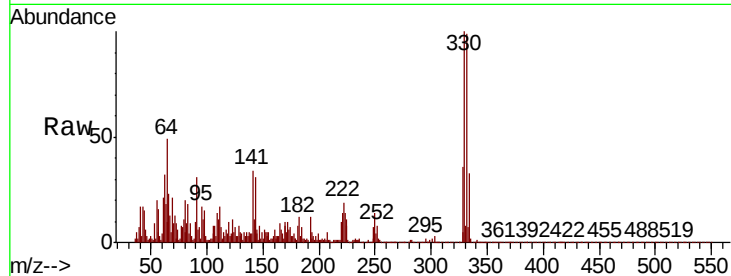




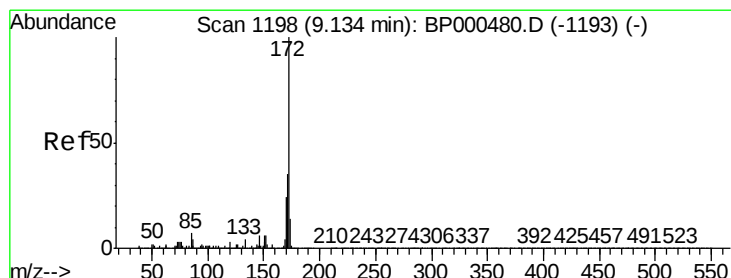
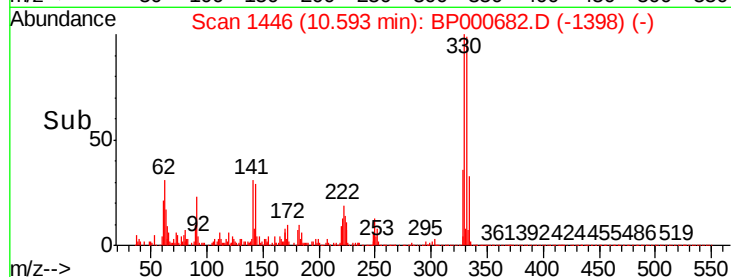
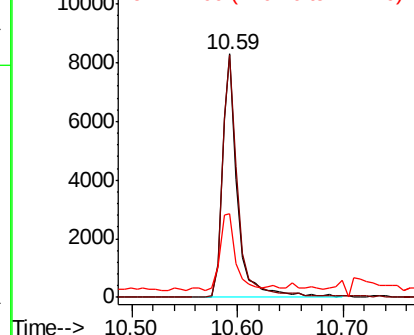
#42
2,4,6-Tribromophenol
Concen: 1.573 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 8420
Ion Ratio Lower Upper
330 100
332 101.1 77.1 115.7
141 32.7 26.0 39.0

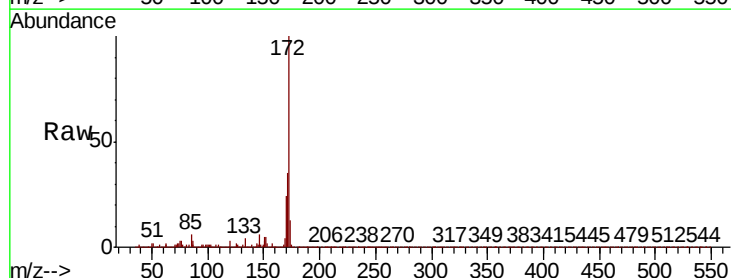


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

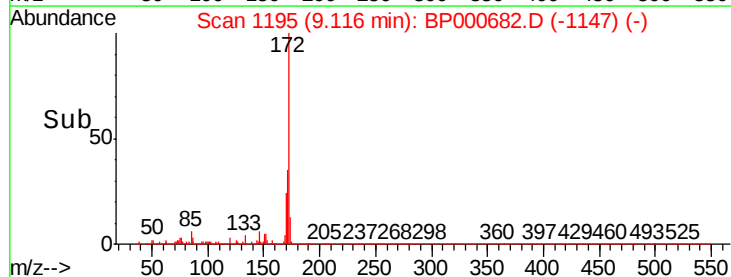
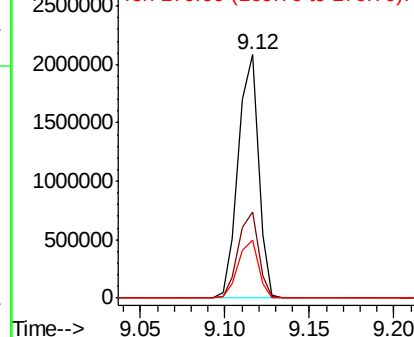


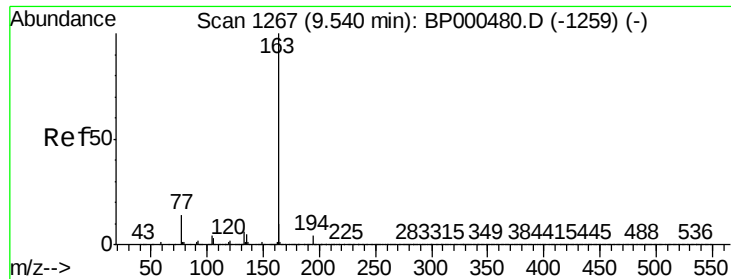
#45
2-Fluorobiphenyl
Concen: 56.037 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

Tgt Ion:172 Resp: 1740024
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.7 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

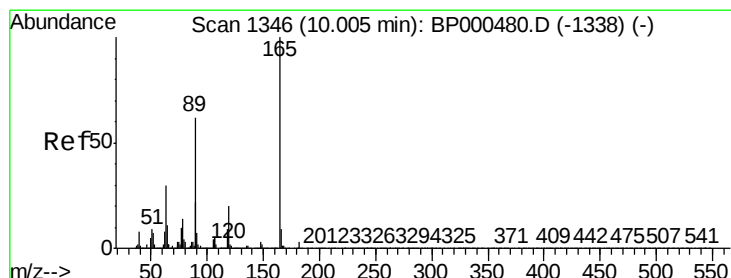
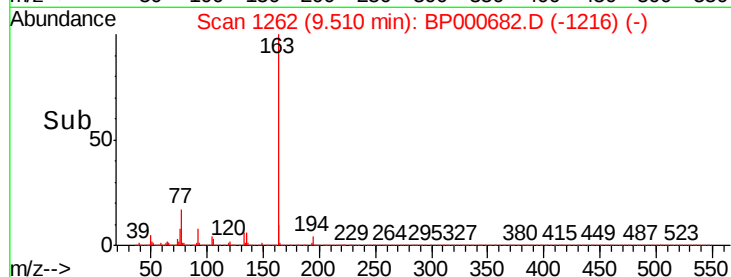
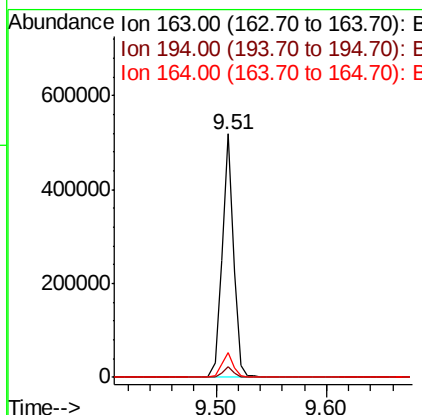
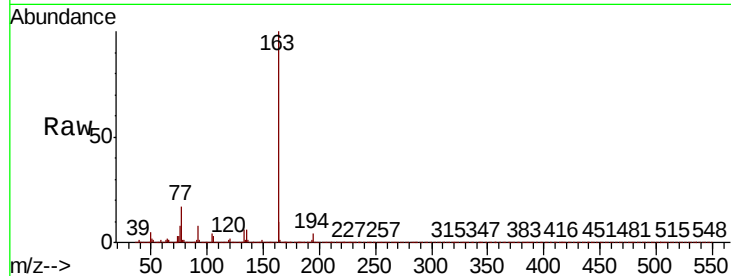




#50
Dimethylphthalate
Concen: 10.723 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

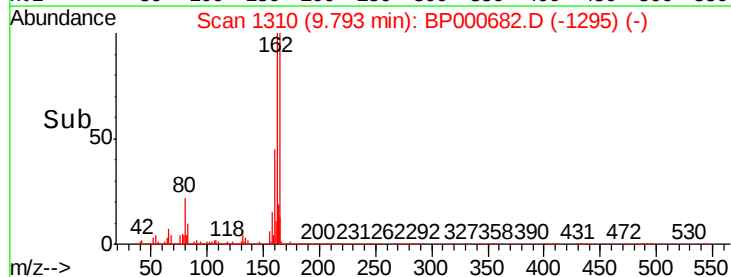
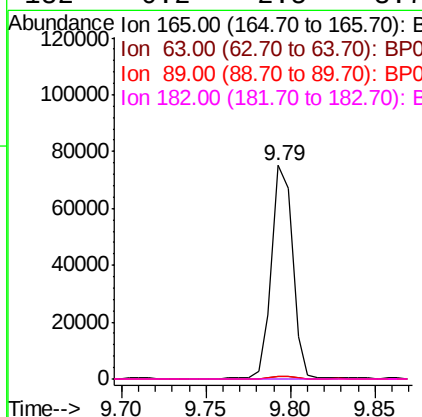
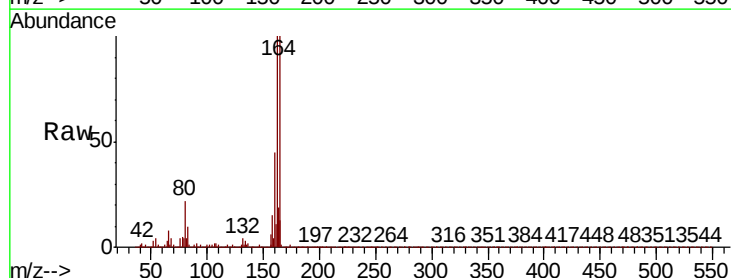
Instrument :
BNA_P
ClientSampleId :

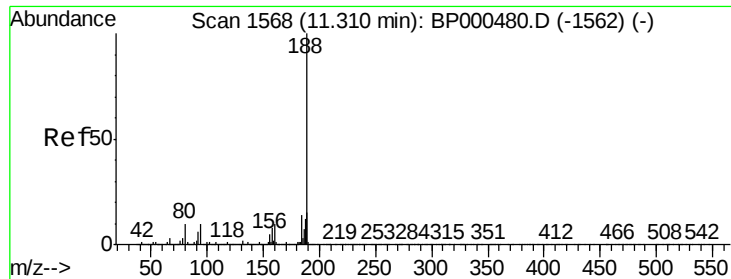
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.9	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.441 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000682.D
Acq: 12 Oct 2019 21:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	24.2	36.4#
89	1.2	49.4	74.0#
182	0.2	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: BP000682.D

Acq: 12 Oct 2019 21:10

Instrument :

BNA_P

ClientSampleId :

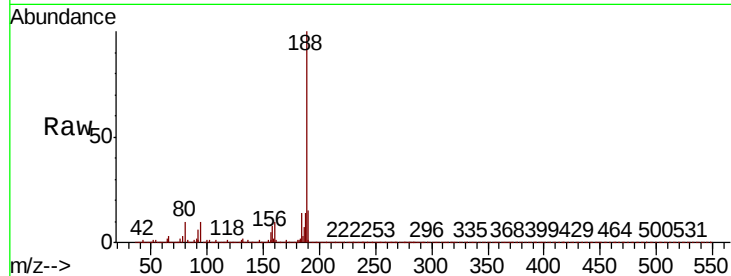
Tot Ion:188 Resp: 927975

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

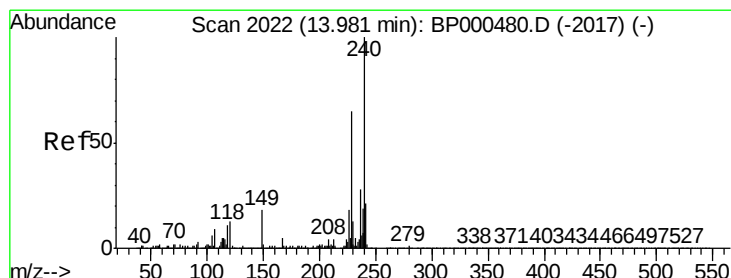
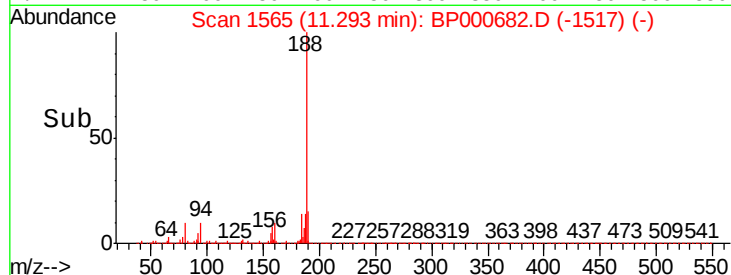
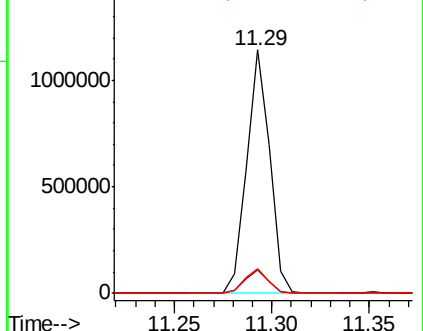
80 9.9 8.3 12.5



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BP000682.D

Acq: 12 Oct 2019 21:10

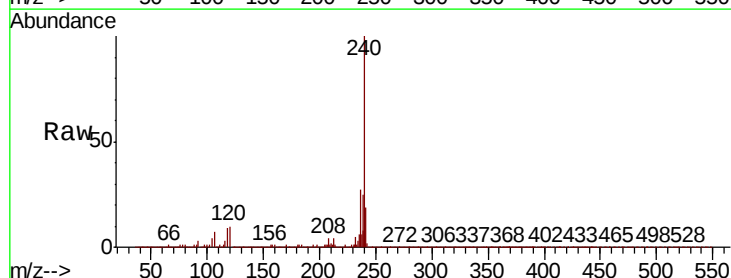
Tgt Ion:240 Resp: 816632

Ion Ratio Lower Upper

240 100

120 10.2 10.1 15.1

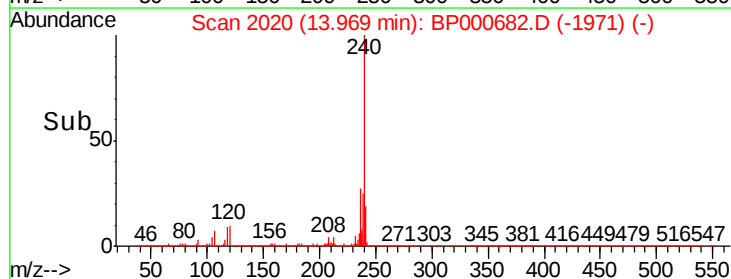
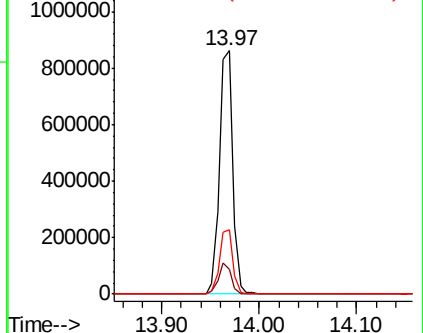
236 26.6 22.7 34.1

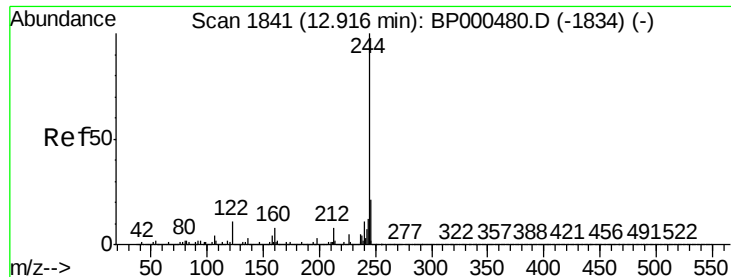


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 52.276 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000682.D

Acq: 12 Oct 2019 21:10

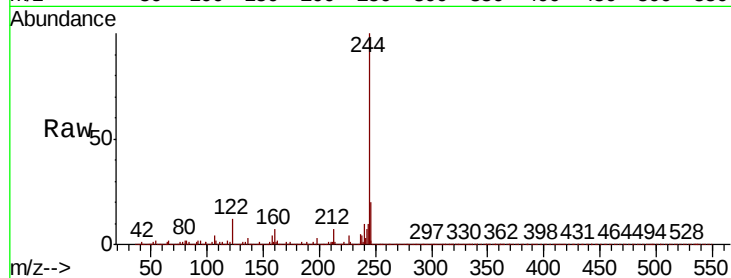
Instrument :

BNA_P

ClientSampled :

Tot Ion:244 Resp: 2108439

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.0	9.0
122	12.0	8.9	13.3

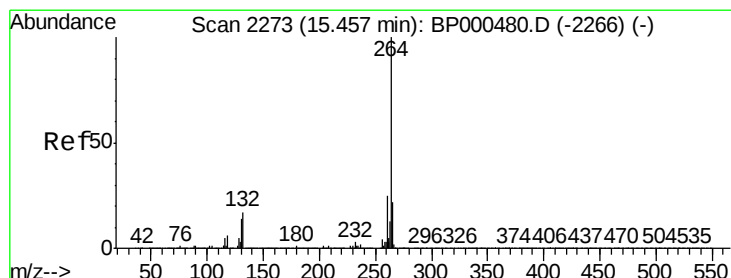
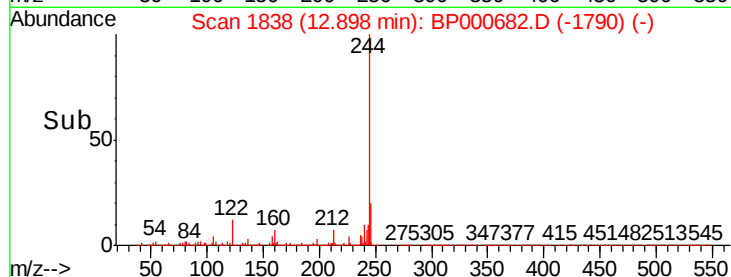
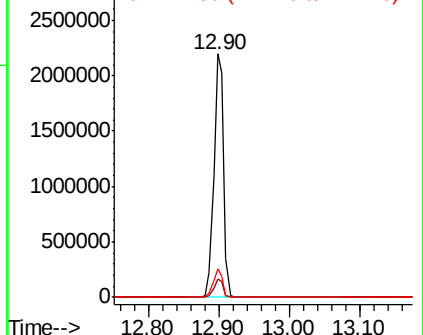


Abundance

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

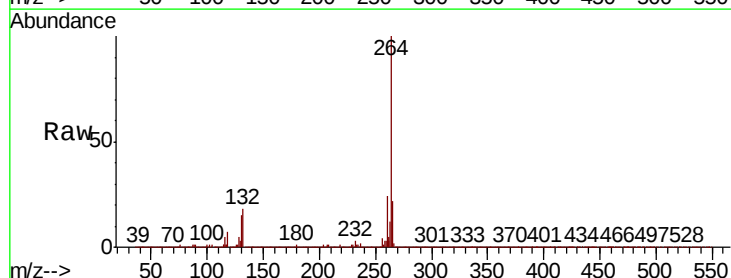
Delta R.T. -0.02 min

Lab File: BP000682.D

Acq: 12 Oct 2019 21:10

Tgt Ion:264 Resp: 878223

Ion	Ratio	Lower	Upper
264	100		
260	24.3	20.3	30.5
265	21.7	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

