

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000650.D
 Acq On : 11 Oct 2019 22:46
 Operator : JU
 Sample : K5292-06RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 12 00:19:14 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

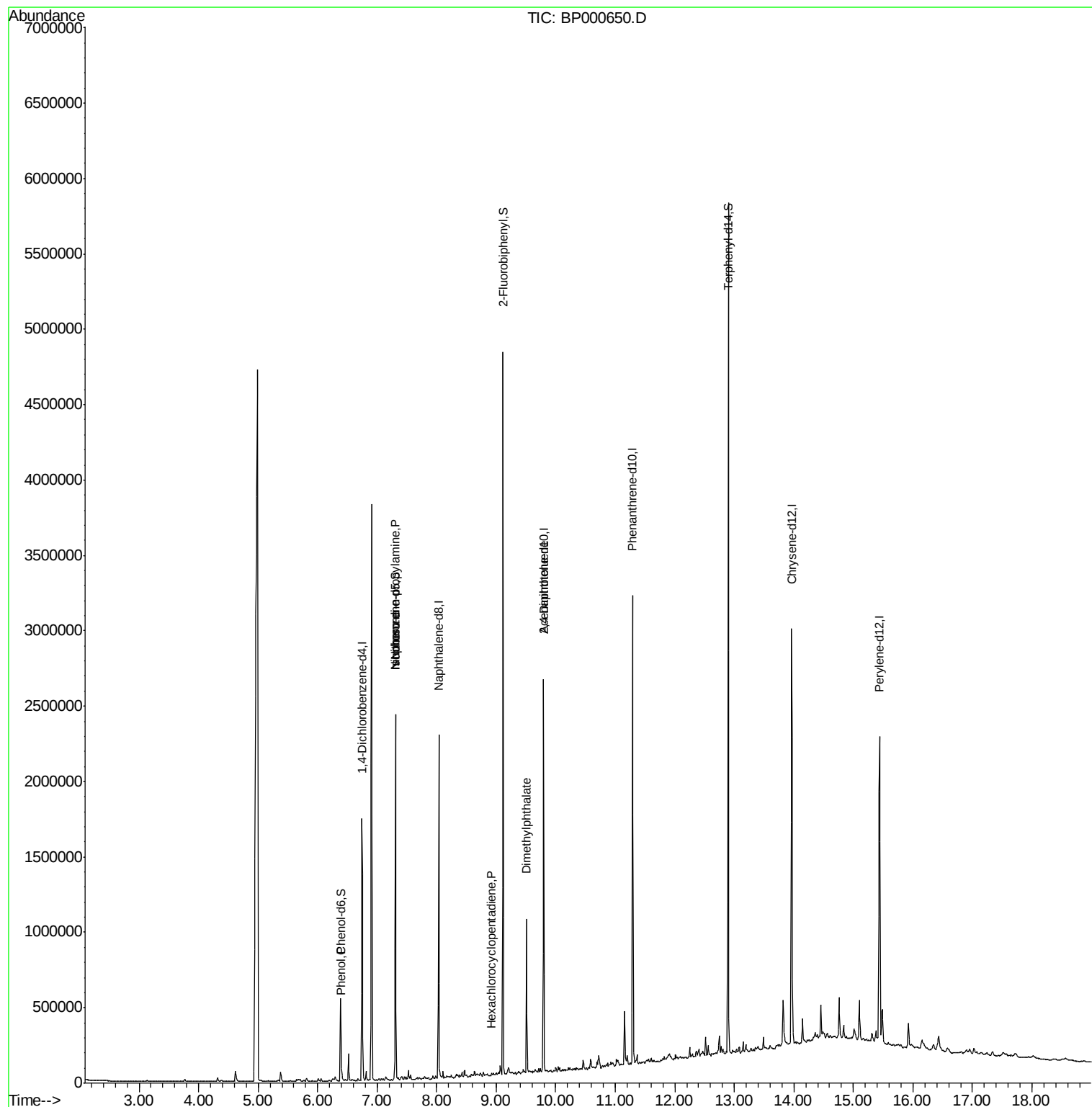
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	262404	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	984298	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	558035	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1017630	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	835244	20.00	ng	-0.02
87) Perylene-d12	15.44	264	888748	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	24469	1.50	ng	-0.02
7) Phenol-d6	6.38	99	205010	10.42	ng	-0.03
23) Nitrobenzene-d5	7.31	82	795487	49.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	7316	1.23	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1479668	42.90	ng	-0.02
79) Terphenyl-d14	12.90	244	1790130	43.39	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	45243	2.246	ng	Qvalue 91
19) n-Nitroso-di-n-propylamine	7.31	70	98214	10.832	ng	# 73
25) Isophorone	7.31	82	793457	27.741	ng	# 61
41) Hexachlorocyclopentadiene	8.92	237	25	7.300	ng	# 4
50) Dimethylphthalate	9.51	163	360396	9.295	ng	100
57) 2,4-Dinitrotoluene	9.79	165	72956	6.507	ng	# 32

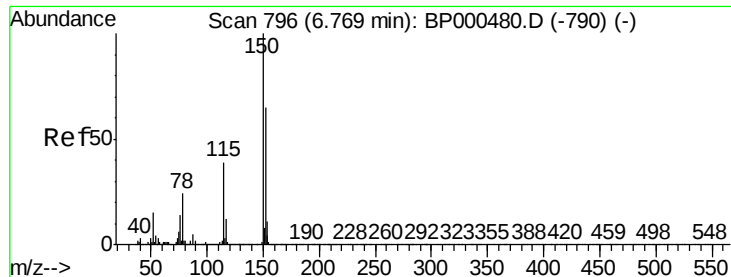
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
Data File : BP000650.D
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 12 00:19:14 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



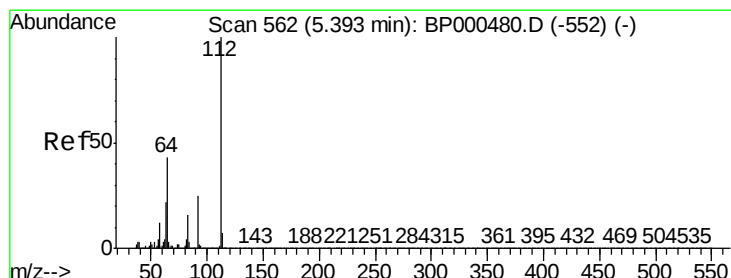
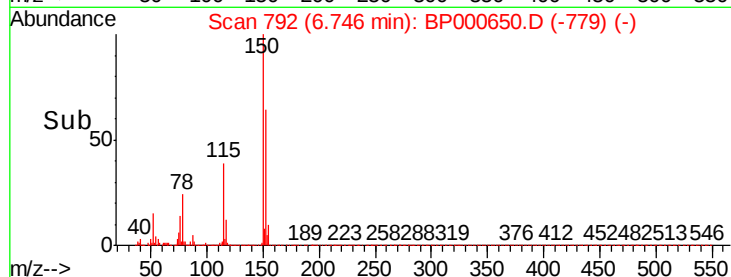
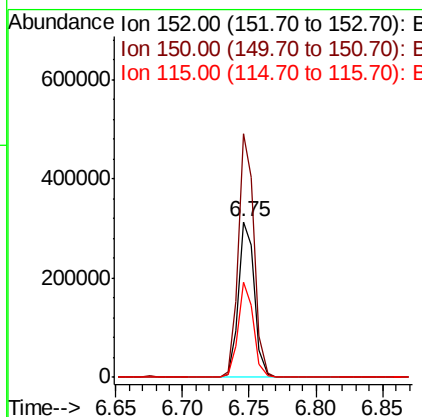
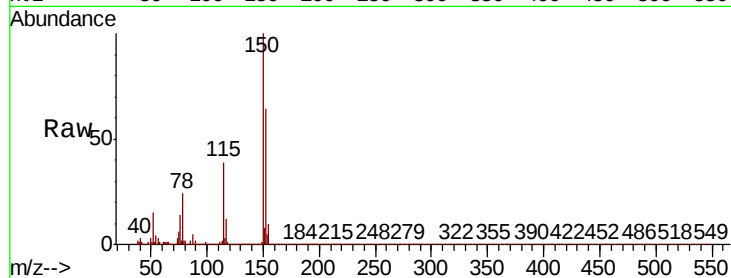


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Instrument :
BNA_P
ClientSampleId :

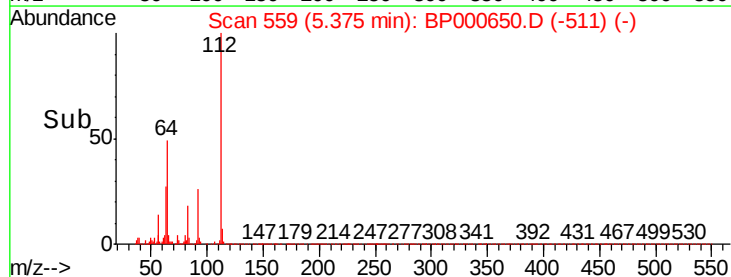
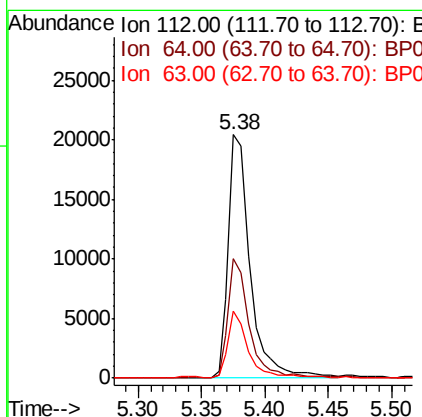
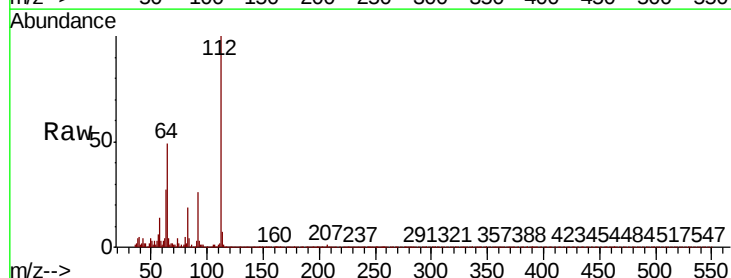
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.1	186.1
115	60.8	48.7	73.1

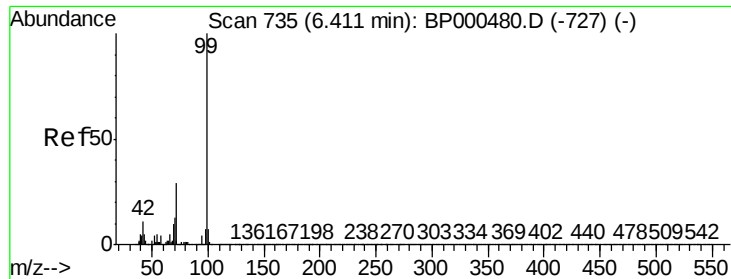


#5

2-Fluorophenol
Concen: 1.499 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.0	34.2	51.4
63	27.5	17.9	26.9





#7

Phenol-d6

Concen: 10.422 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.03 min

Lab File: BP000650.D

Acq: 11 Oct 2019 22:46

Instrument :

BNA_P

ClientSampleId :

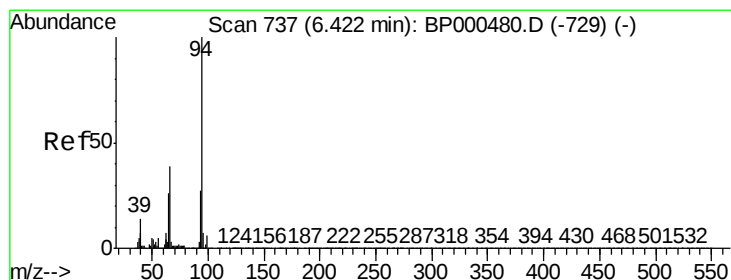
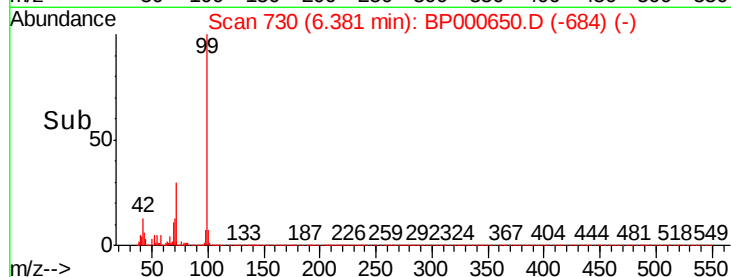
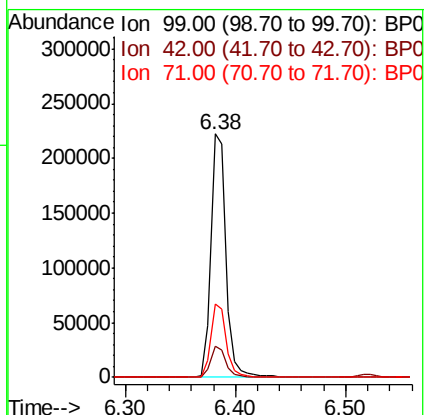
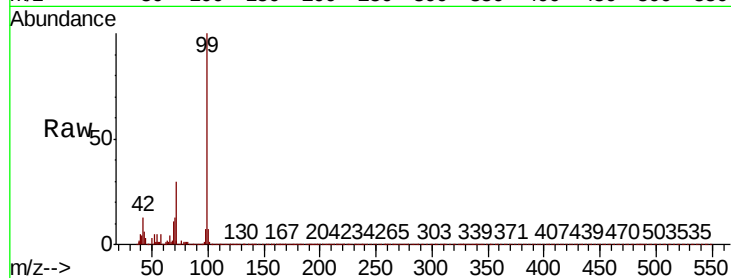
Tot Ion: 99 Resp: 205010

Ion Ratio Lower Upper

99 100

42 12.8 8.6 12.8

71 30.2 23.0 34.4



#10

Phenol

Concen: 2.246 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000650.D

Acq: 11 Oct 2019 22:46

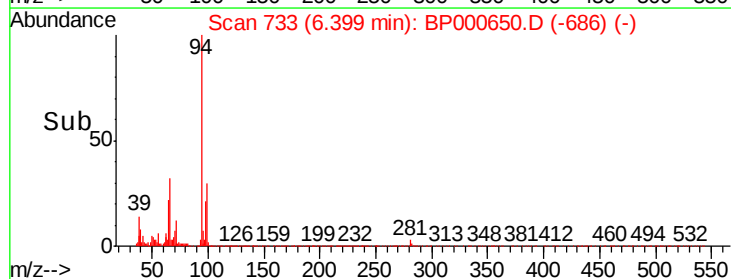
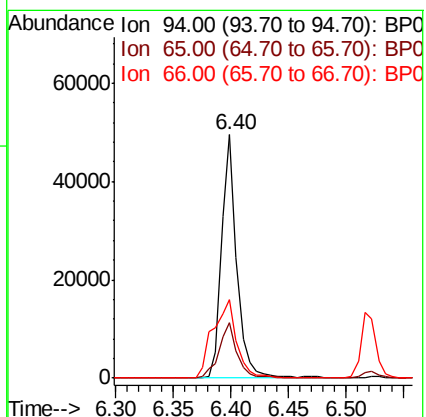
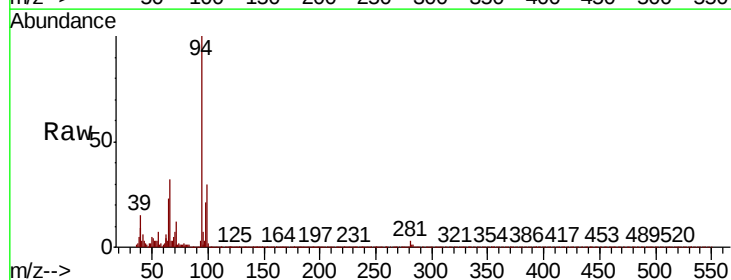
Tgt Ion: 94 Resp: 45243

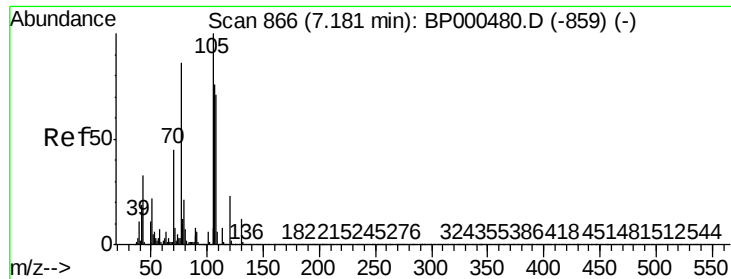
Ion Ratio Lower Upper

94 100

65 22.6 5.9 45.9

66 32.0 18.8 58.8

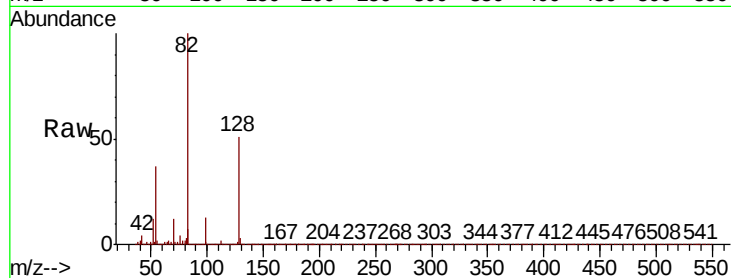




#19
n-Nitroso-di-n-propylamine
Concen: 10.832 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	33.9	33.2	49.8
101	0.1	9.9	14.9#
130	2.7	21.8	32.8#



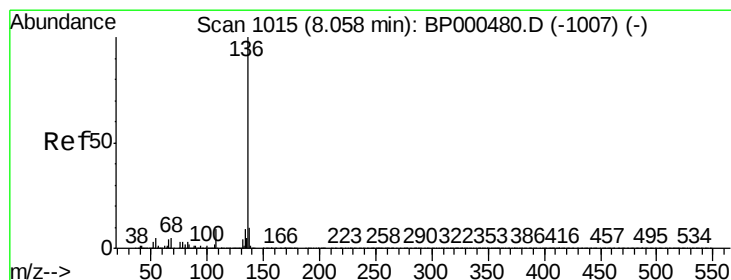
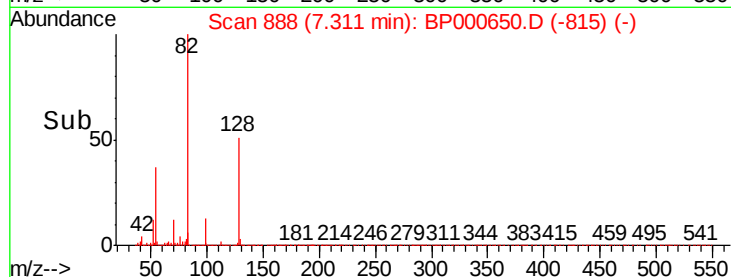
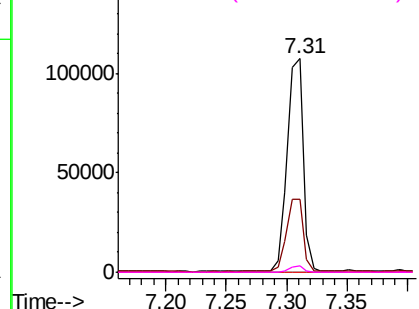
Abundance

Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

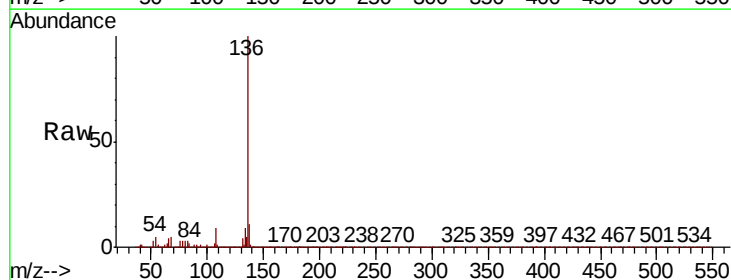
Ion 101.00 (100.70 to 101.70): E

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: BP000650.D
Acq: 11 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	5.3	4.1	6.1
68	5.3	4.1	6.1



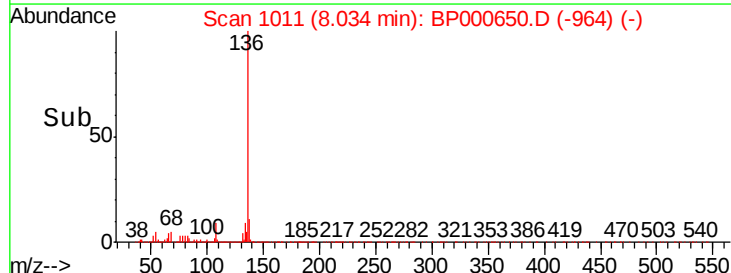
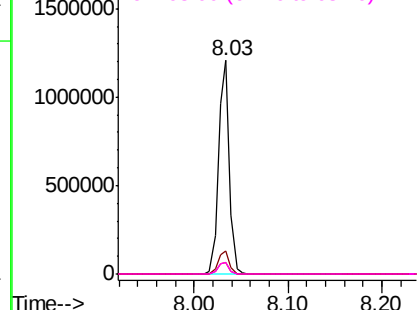
Abundance

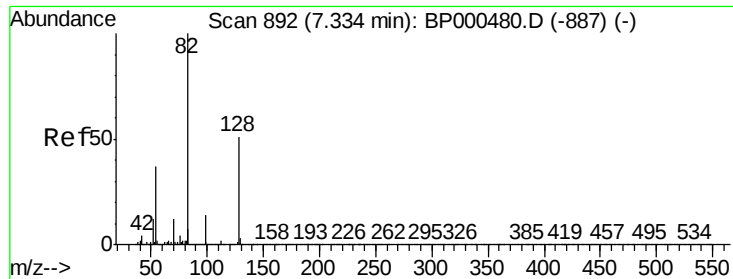
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

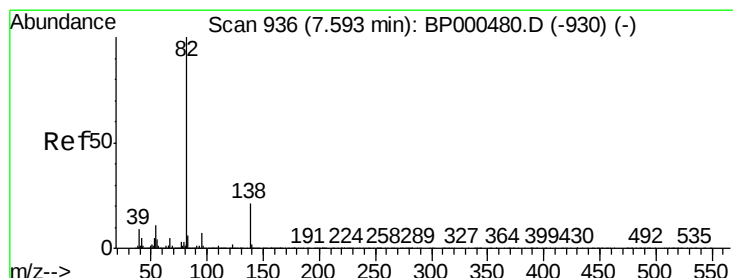
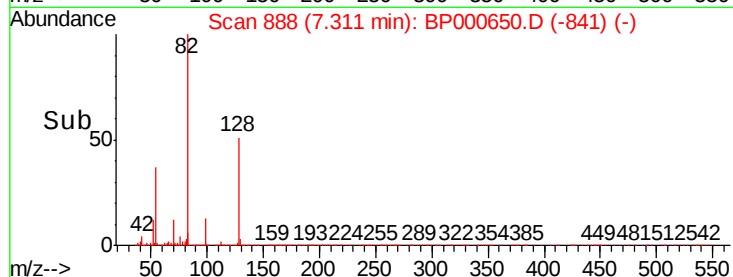
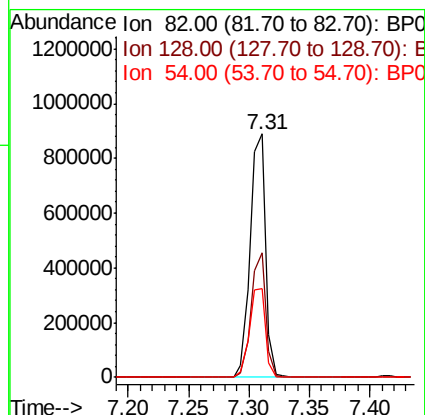
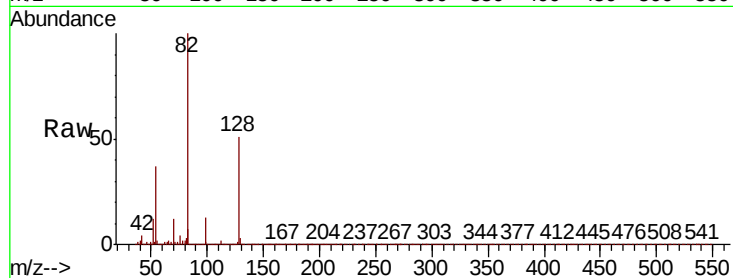




#23
Nitrobenzene-d5
Concen: 49.360 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

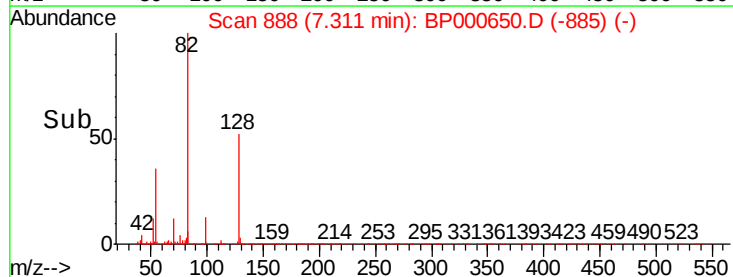
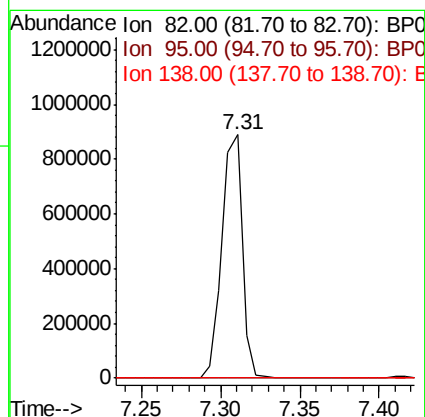
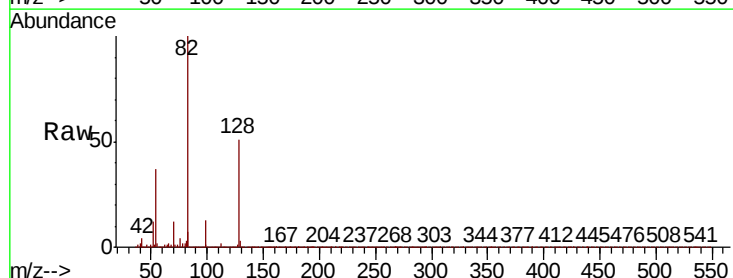
Instrument :
BNA_P
ClientSampled :

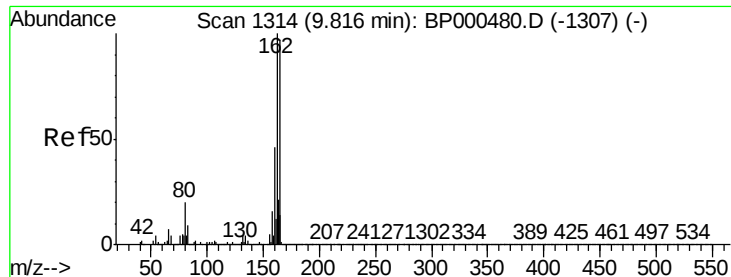
Tot Ion	82	Resp	795487
Ion Ratio	100	Lower	Upper
128	51.4	40.9	61.3
54	36.6	29.4	44.2



#25
Isophorone
Concen: 27.741 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.28 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Tgt Ion	82	Resp	793457
Ion Ratio	100	Lower	Upper
95	0.1	5.8	8.6#
138	0.0	17.0	25.4#

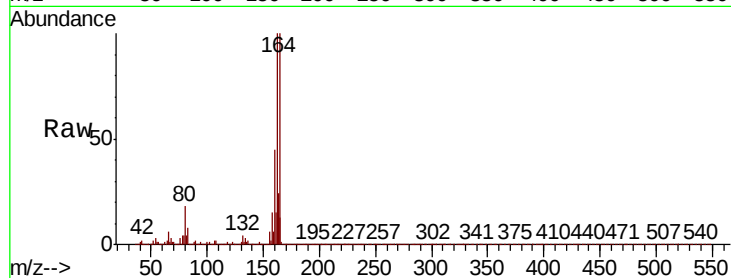




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.2
160	45.3	37.6	56.4

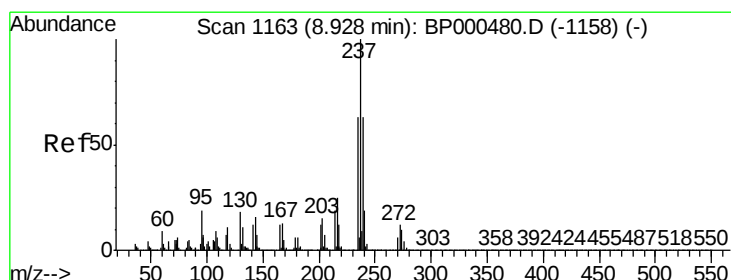
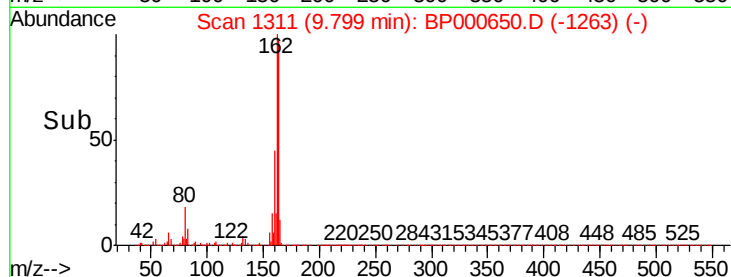
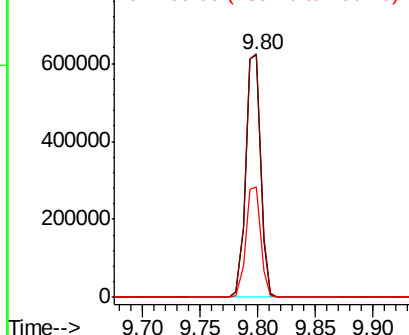


Abundance

Ion 164.00 (163.70 to 164.70): E

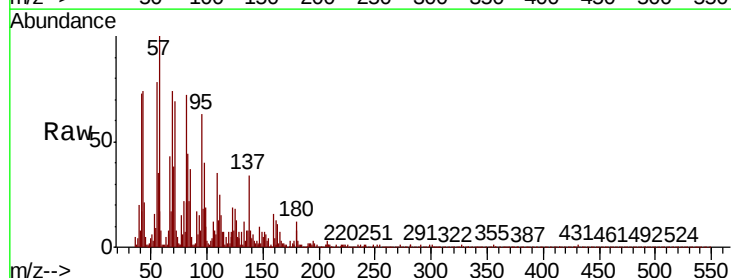
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
237	100		
235	11.1	42.9	82.9#
272	107.4	0.0	32.4#

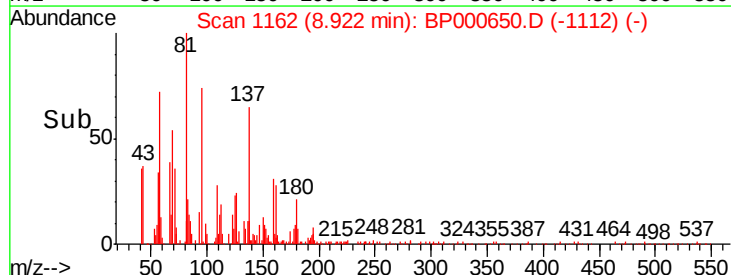
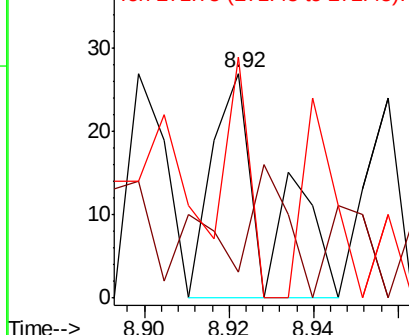


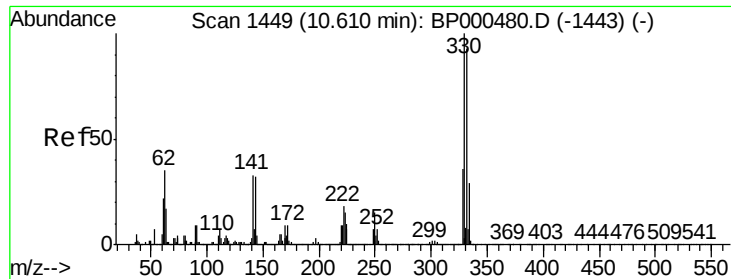
Abundance

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

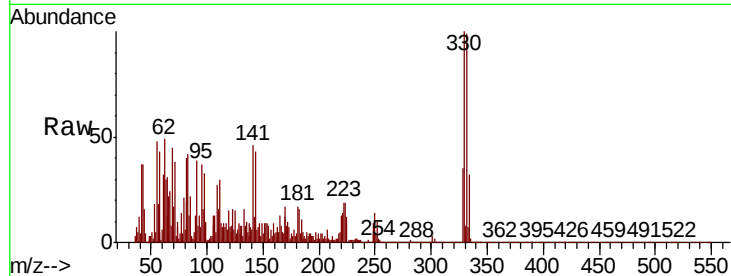




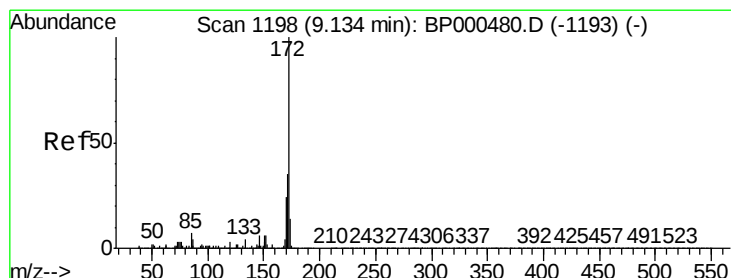
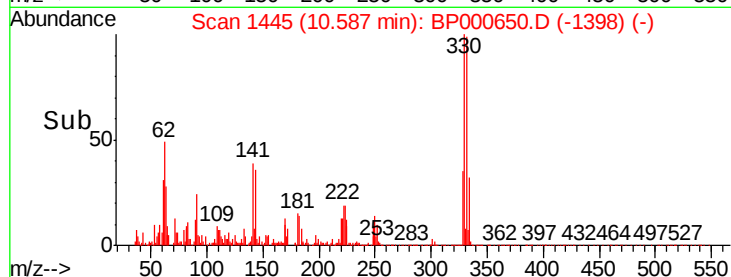
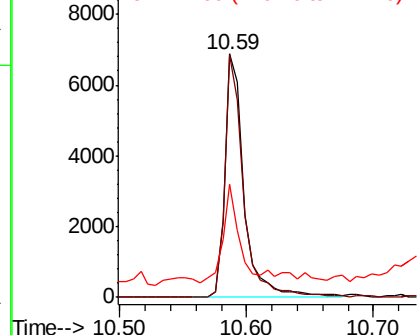
#42
2,4,6-Tribromophenol
Concen: 1.230 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 7316
Ion Ratio Lower Upper
330 100
332 97.1 77.1 115.7
141 33.6 26.0 39.0

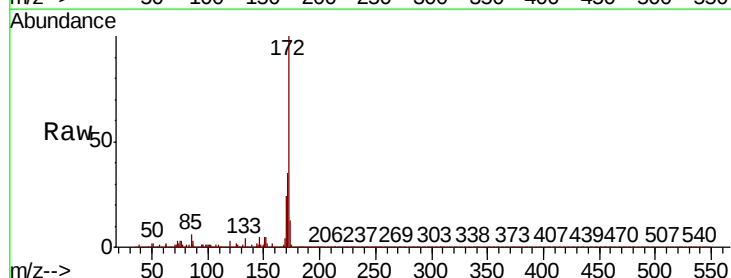


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

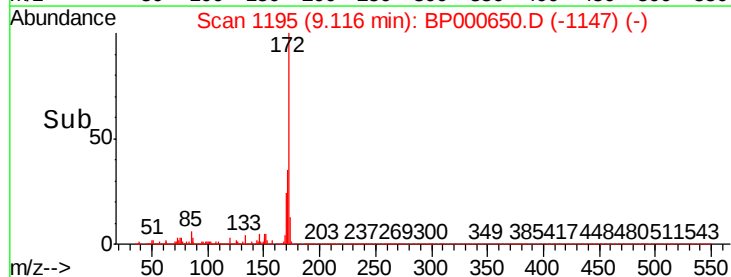
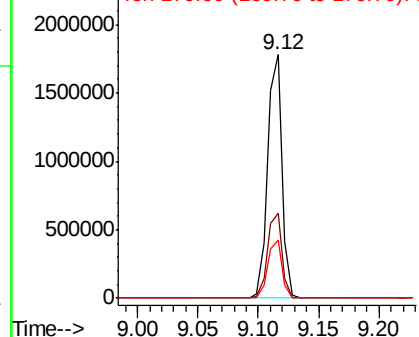


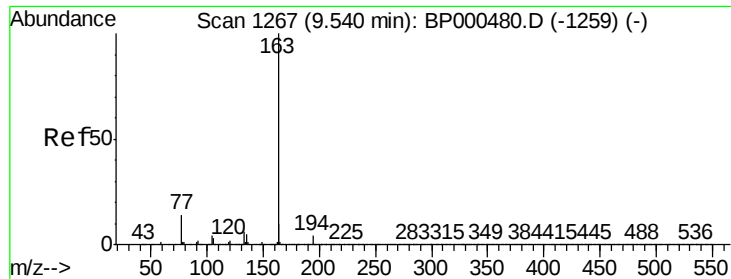
#45
2-Fluorobiphenyl
Concen: 42.902 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Tgt Ion:172 Resp: 1479668
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.9 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

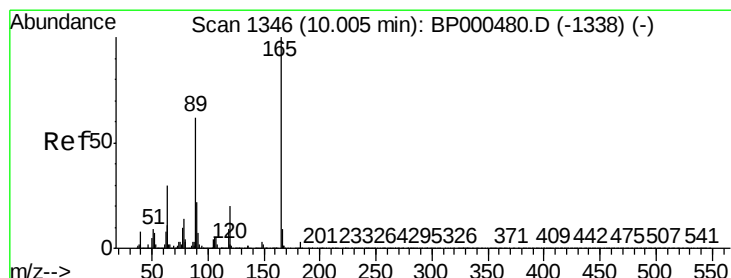
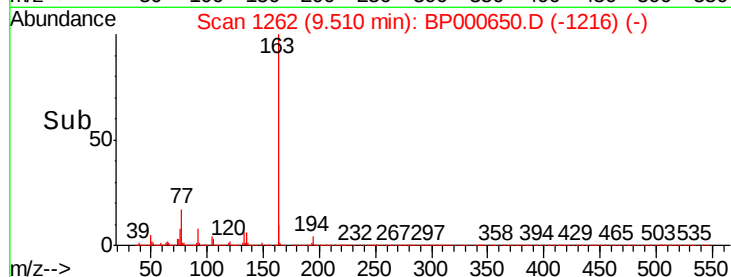
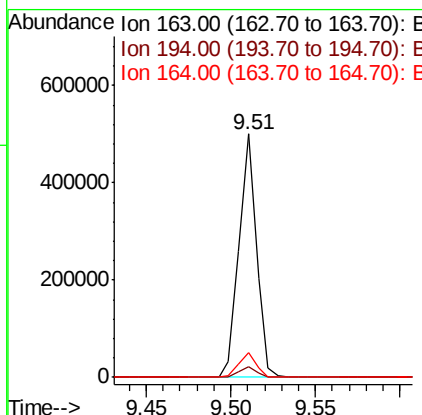
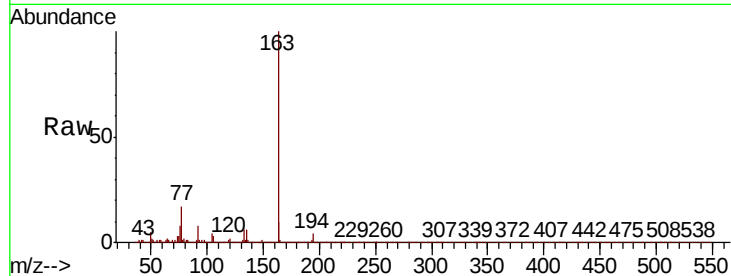




#50
Dimethylphthalate
Concen: 9.295 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

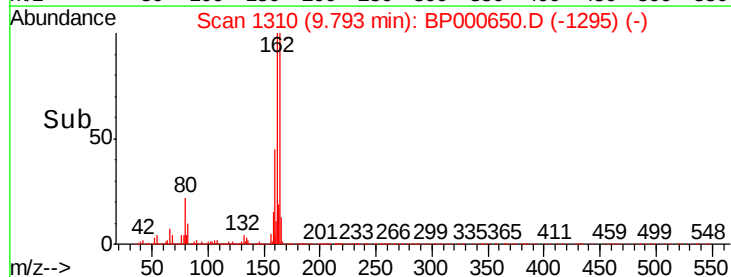
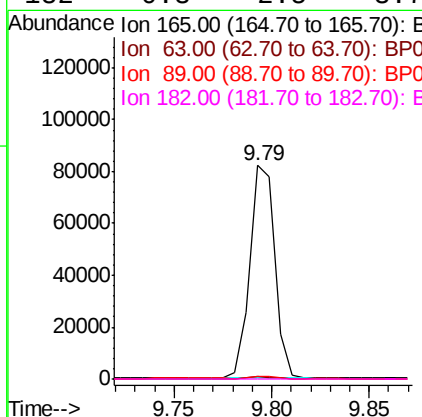
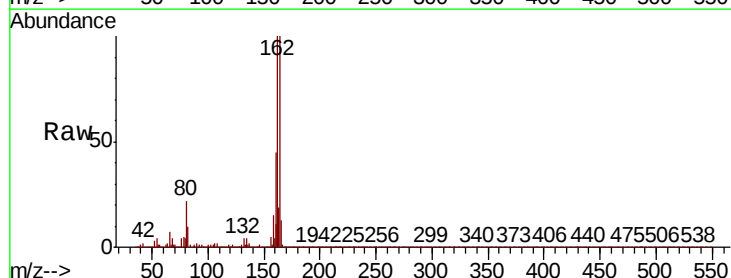
Instrument :
BNA_P
ClientSampleId :

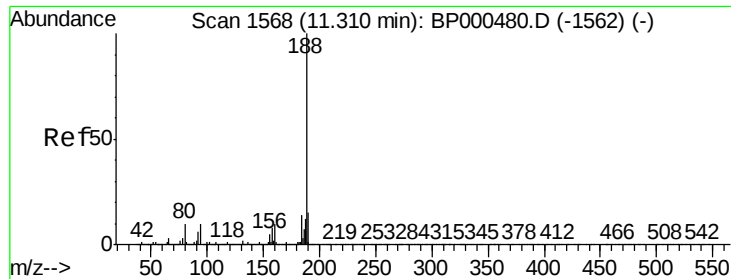
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.0	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.507 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000650.D
Acq: 11 Oct 2019 22:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	24.2	36.4#
89	1.2	49.4	74.0#
182	0.3	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: BP000650.D

Acq: 11 Oct 2019 22:46

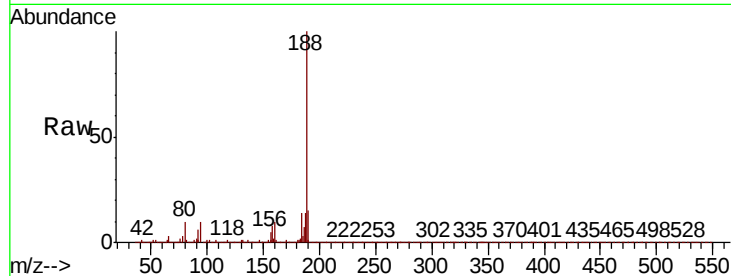
Instrument :

BNA_P

ClientSampleId :

Tot Ion:188 Resp: 1017630

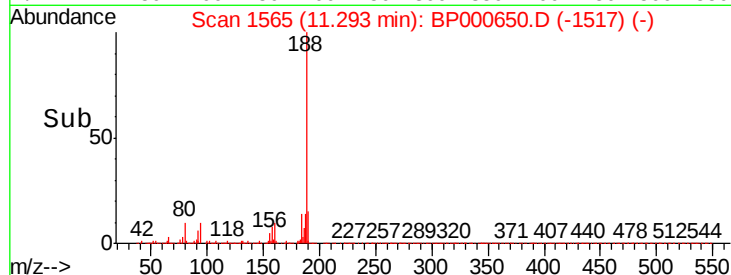
Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.2	12.2
80	10.1	8.3	12.5



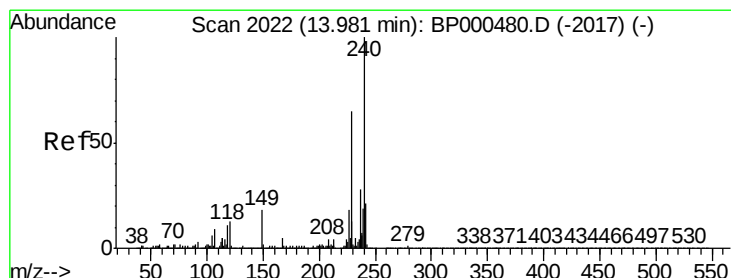
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

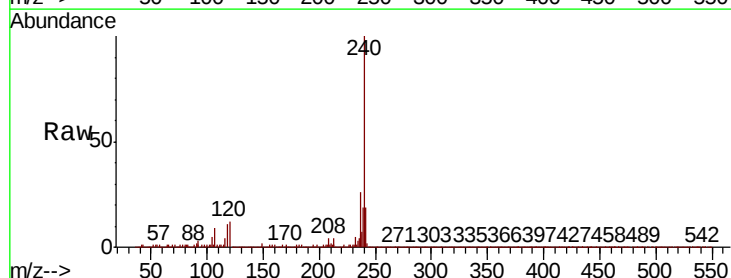
Delta R.T. -0.02 min

Lab File: BP000650.D

Acq: 11 Oct 2019 22:46

Tgt Ion:240 Resp: 835244

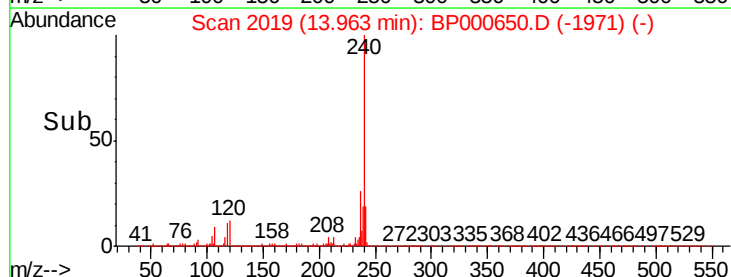
Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.1	15.1
236	26.3	22.7	34.1



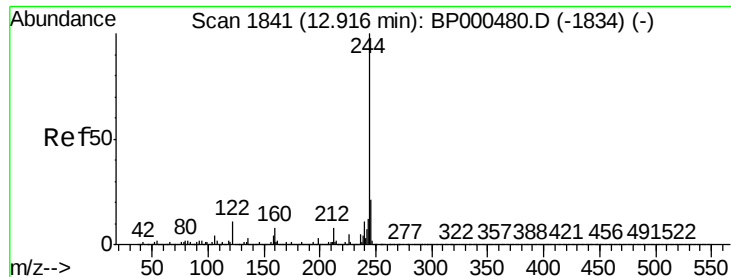
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 43.395 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000650.D

Acq: 11 Oct 2019 22:46

Instrument :

BNA_P

ClientSampleId :

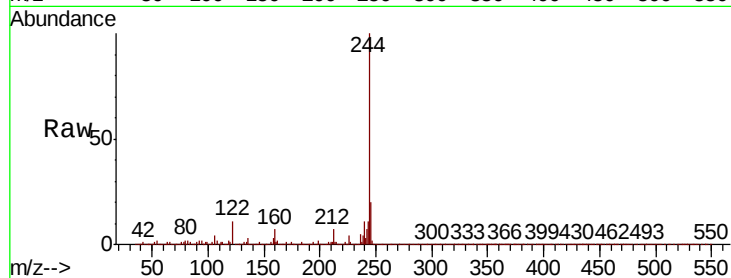
Tot Ion:244 Resp: 1790130

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

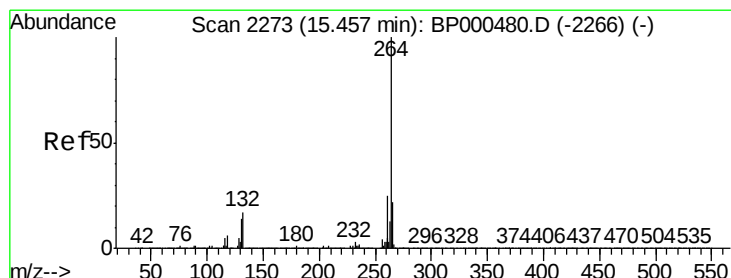
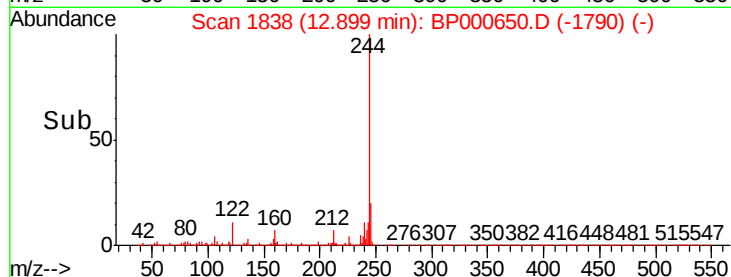
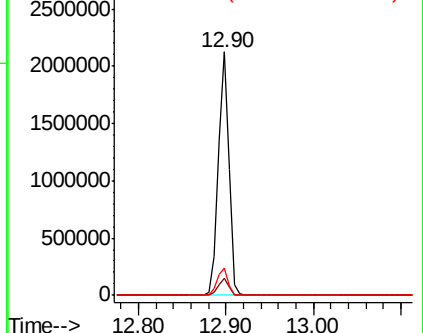
122 11.3 8.9 13.3



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: BP000650.D

Acq: 11 Oct 2019 22:46

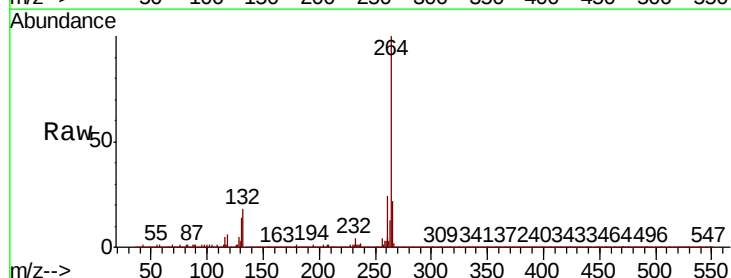
Tgt Ion:264 Resp: 888748

Ion Ratio Lower Upper

264 100

260 24.4 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

