

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000684.D
 Acq On : 12 Oct 2019 21:58
 Operator : JU
 Sample : K5266-13RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 04:38:09 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

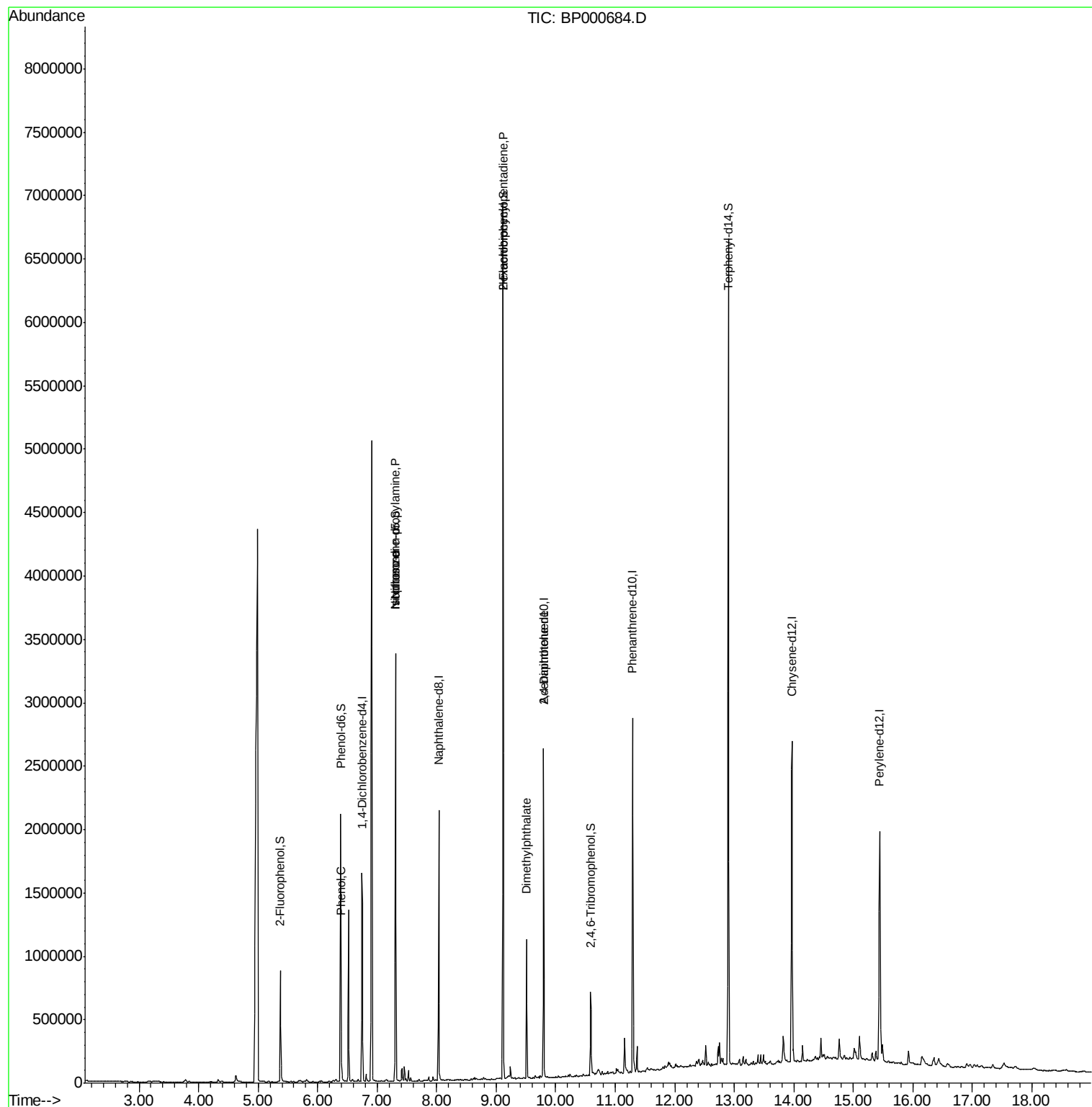
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	255542	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	923675	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	518827	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	954306	20.00	ng	-0.02
76) Chrysene-d12	13.97	240	816237	20.00	ng	-0.01
87) Perylene-d12	15.45	264	895333	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	275156	17.31	ng	-0.02
7) Phenol-d6	6.39	99	682819	35.64	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1064460	70.38	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	80622	14.58	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2046871	63.83	ng	-0.02
79) Terphenyl-d14	12.90	244	2410290	59.79	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	72383	3.690	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	130450	14.773	ng	# 74
25) Isophorone	7.31	82	1063525	39.623	ng	# 61
41) Hexachlorocyclopentadiene	9.12	237	13	7.299	ng	76
50) Dimethylphthalate	9.51	163	398644	11.058	ng	100
57) 2,4-Dinitrotoluene	9.80	165	67678	6.493	ng	# 32

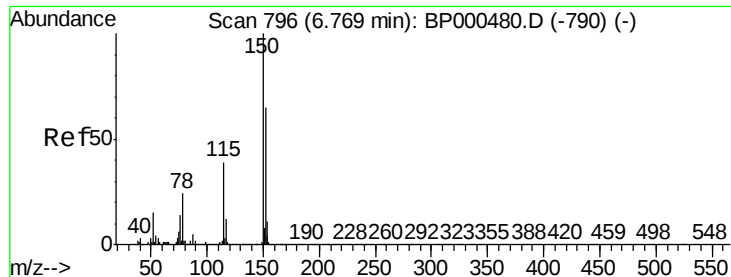
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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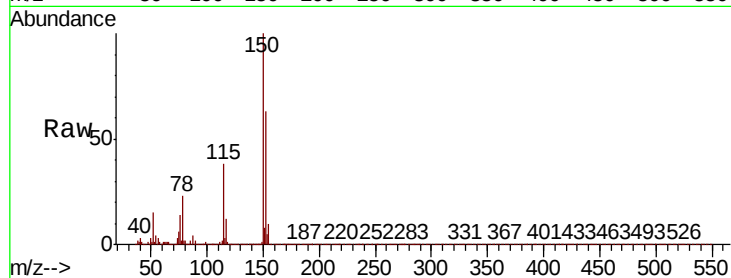


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000684.D
Acq: 12 Oct 2019 21:58

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.1	186.1
115	60.2	48.7	73.1

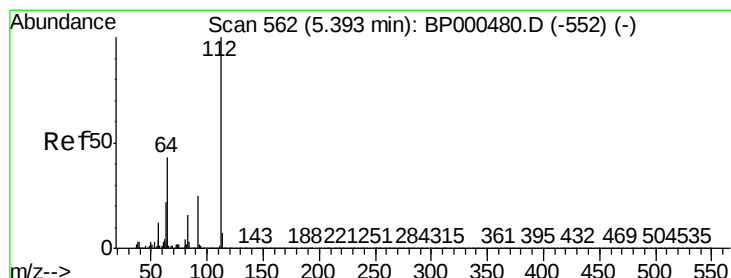
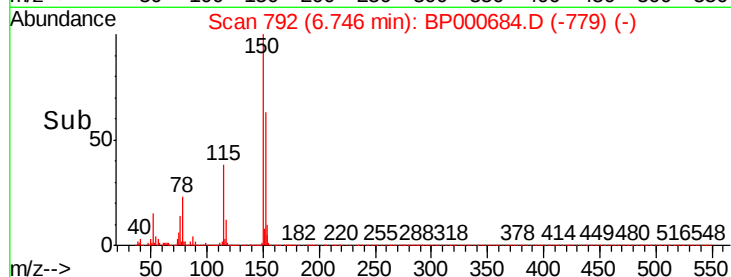
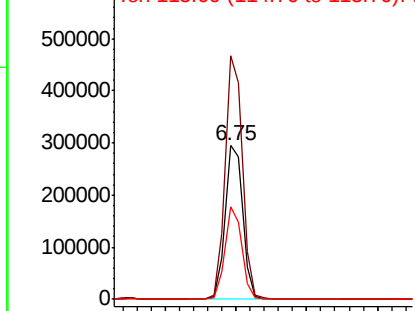


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

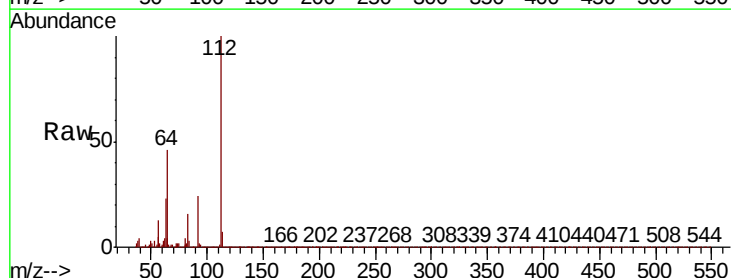
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 17.308 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000684.D
Acq: 12 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.6	34.2	51.4
63	22.7	17.9	26.9

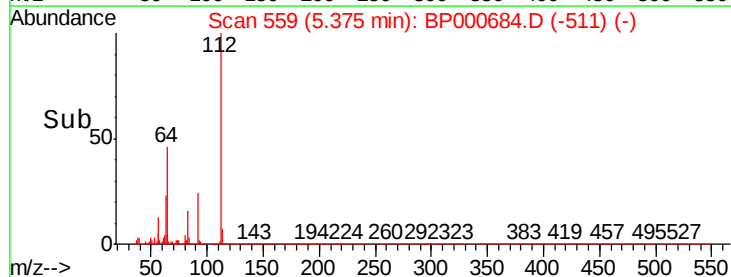
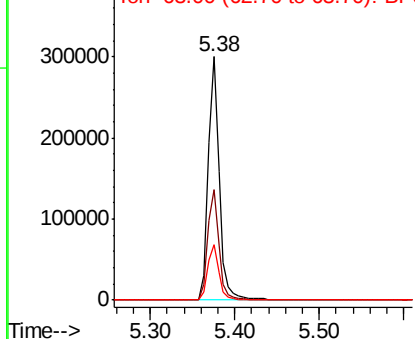


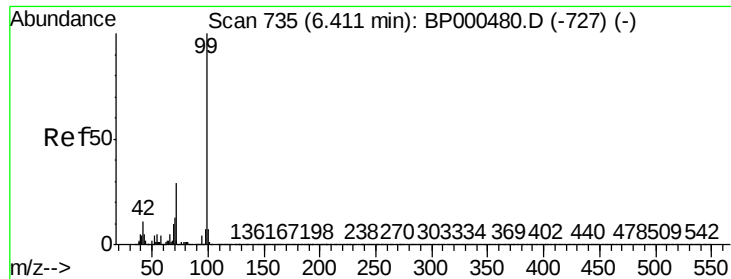
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 35.643 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000684.D

Acq: 12 Oct 2019 21:58

Instrument :

BNA_P

ClientSampleId :

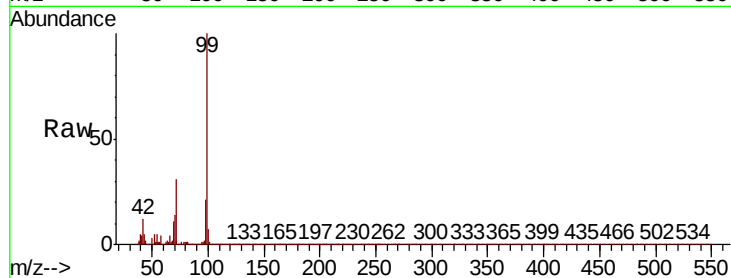
Tot Ion: 99 Resp: 682819

Ion Ratio Lower Upper

99 100

42 11.5 8.6 12.8

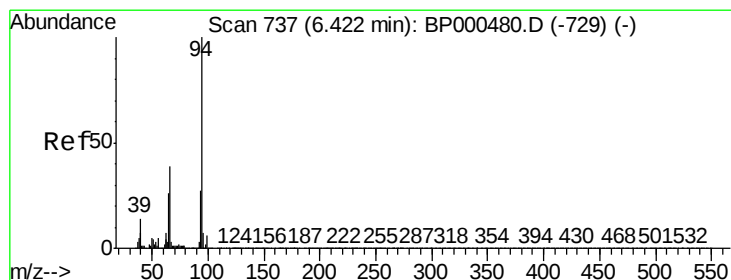
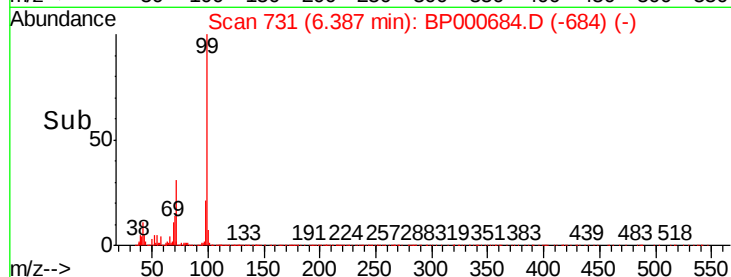
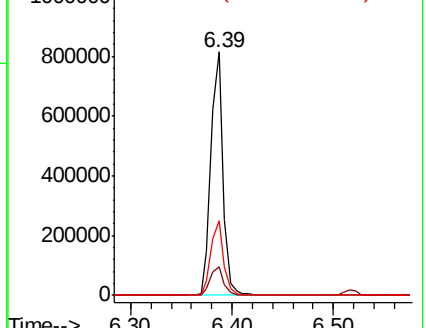
71 30.8 23.0 34.4



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: 3.690 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000684.D

Acq: 12 Oct 2019 21:58

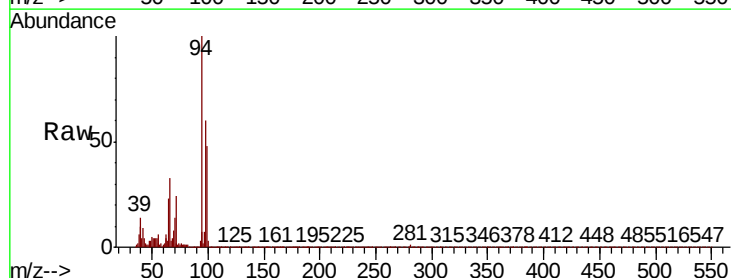
Tgt Ion: 94 Resp: 72383

Ion Ratio Lower Upper

94 100

65 23.5 5.9 45.9

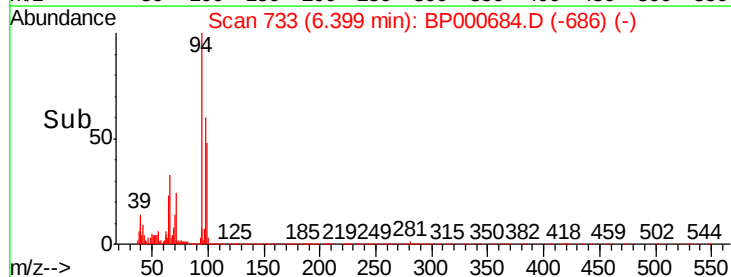
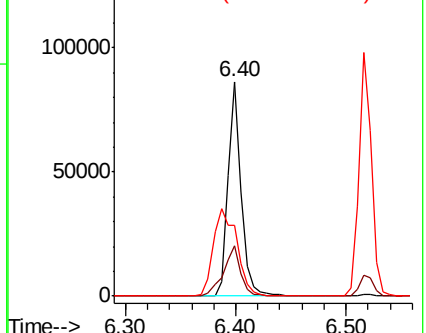
66 33.0 18.8 58.8

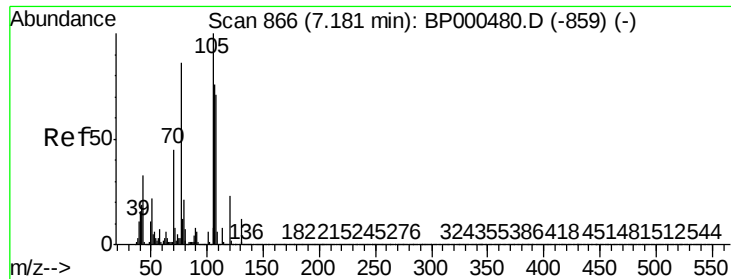


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

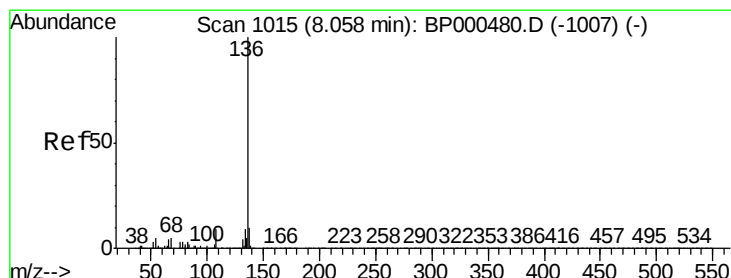
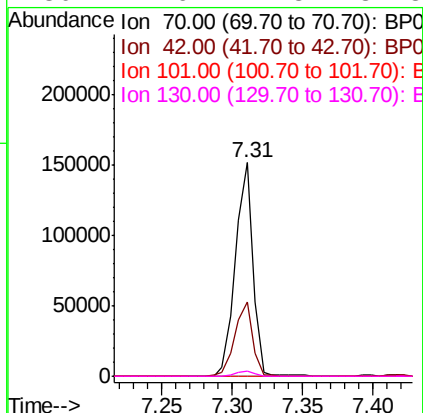
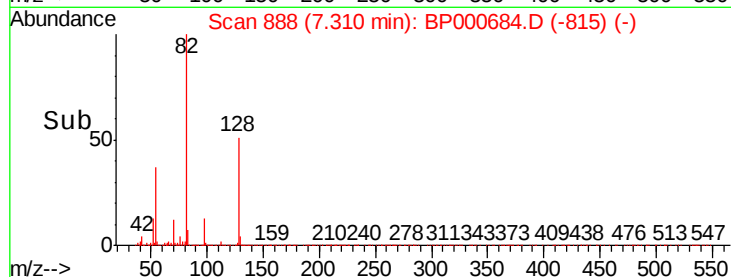
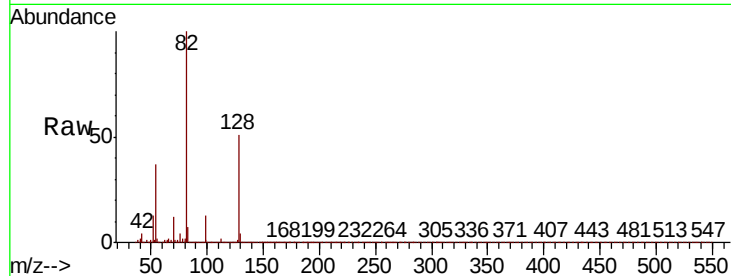




#19
n-Nitroso-di-n-propylamine
Concen: 14.773 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000684.D
Acq: 12 Oct 2019 21:58

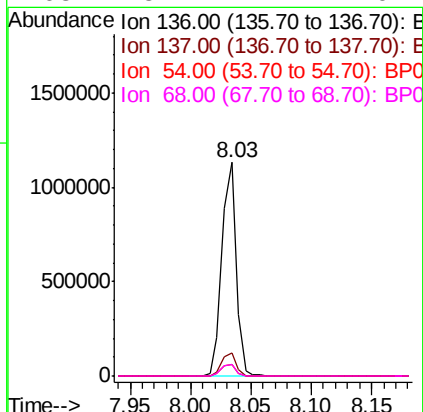
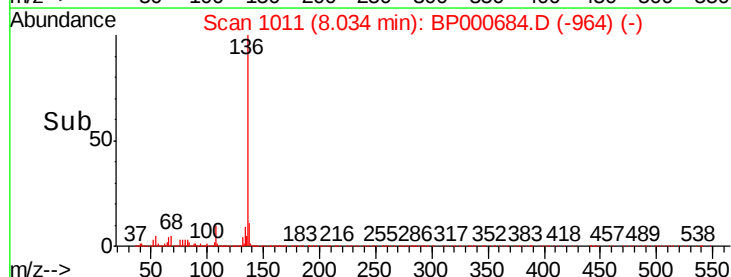
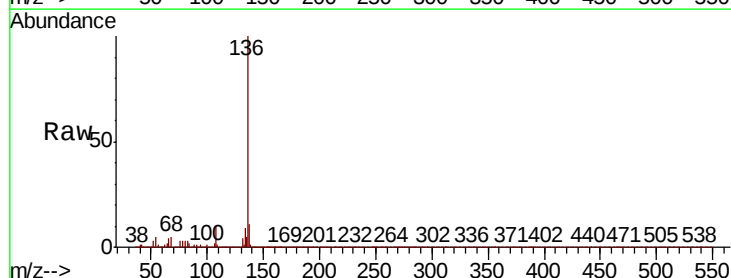
Instrument :
BNA_P
ClientSampleId :

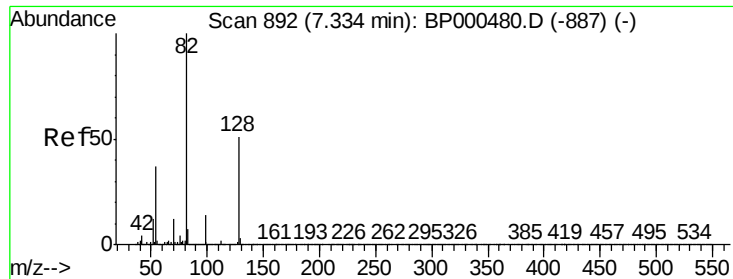
Tot Ion:	70	Resp:	130450
Ion	Ratio	Lower	Upper
70	100		
42	34.8	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000684.D
Acq: 12 Oct 2019 21:58

Tgt Ion:	136	Resp:	923675
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.2	4.1	6.1
68	5.4	4.1	6.1

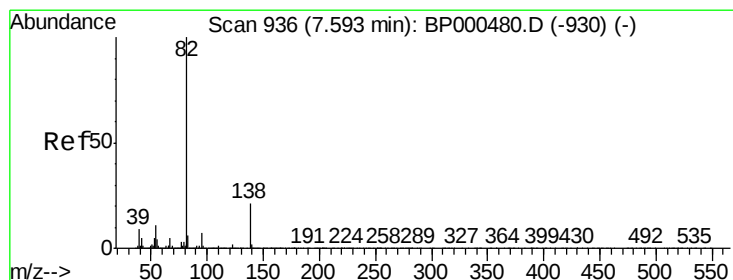
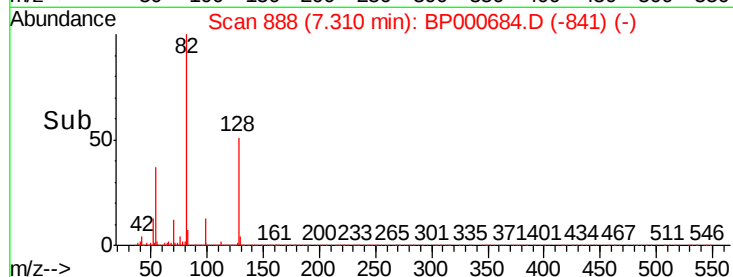
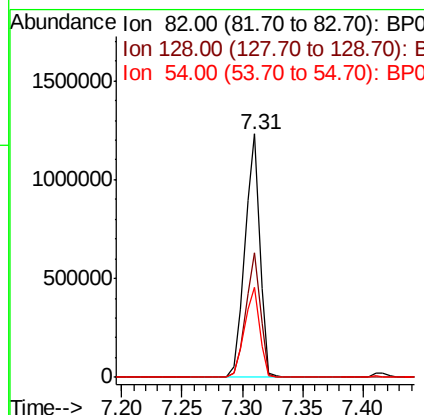
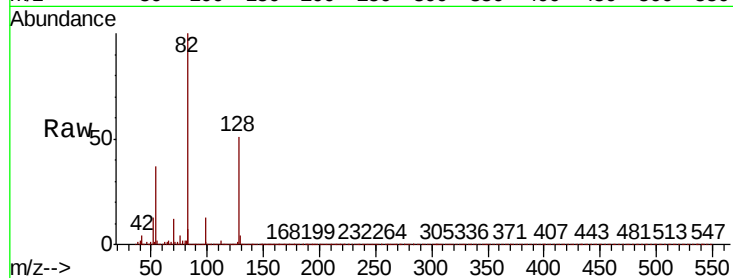




#23
 Nitrobenzene-d5
 Concen: 70.384 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000684.D
 Acq: 12 Oct 2019 21:58

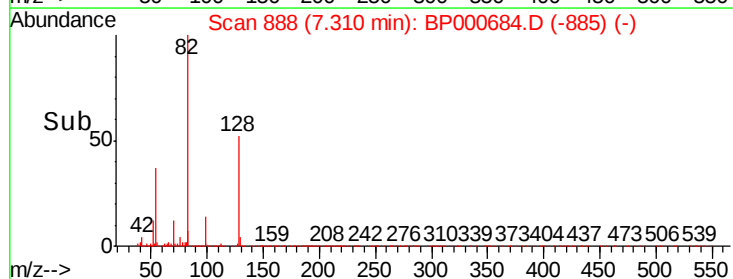
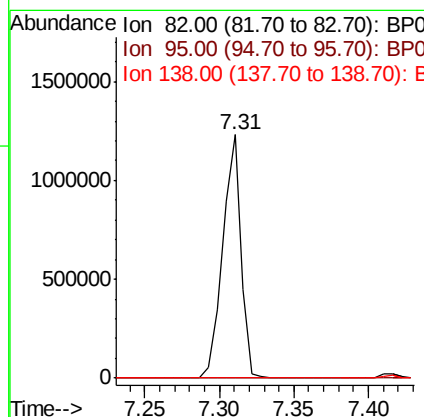
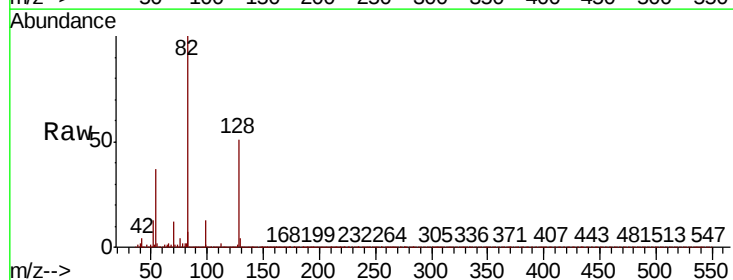
Instrument :
 BNA_P
 ClientSampleId :

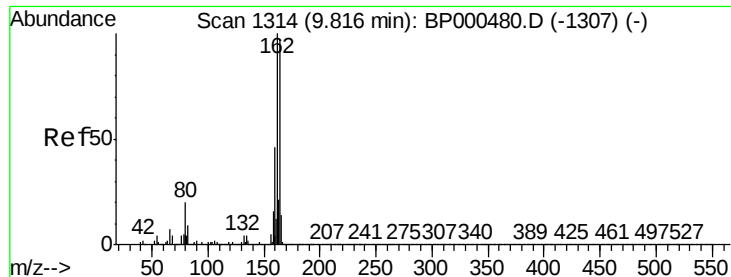
Tot Ion: 82 Resp: 1064460
 Ion Ratio Lower Upper
 82 100
 128 51.1 40.9 61.3
 54 37.1 29.4 44.2



#25
 Isophorone
 Concen: 39.623 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000684.D
 Acq: 12 Oct 2019 21:58

Tgt Ion: 82 Resp: 1063525
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#

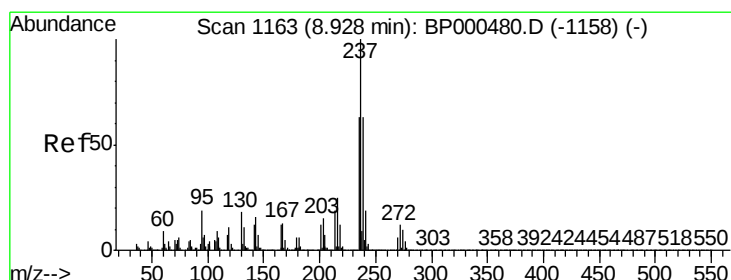
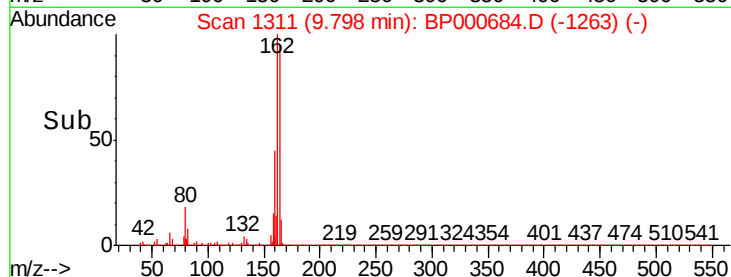
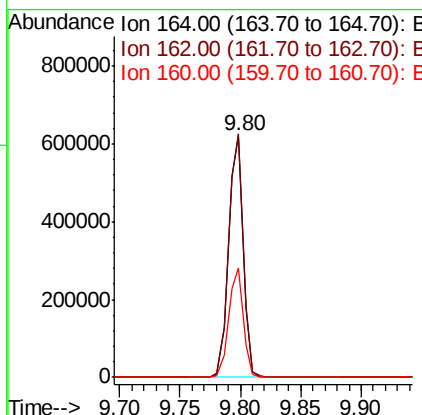
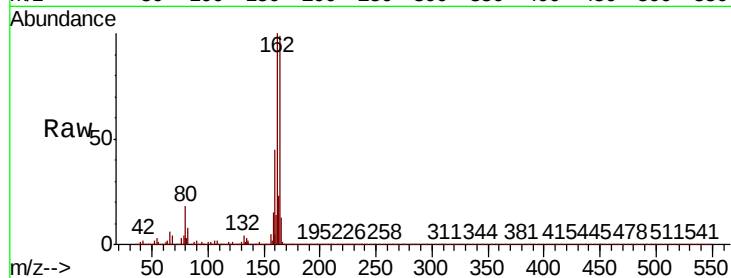




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000684.D
Acq: 12 Oct 2019 21:58

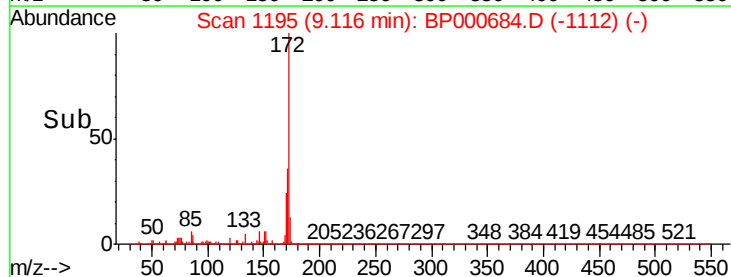
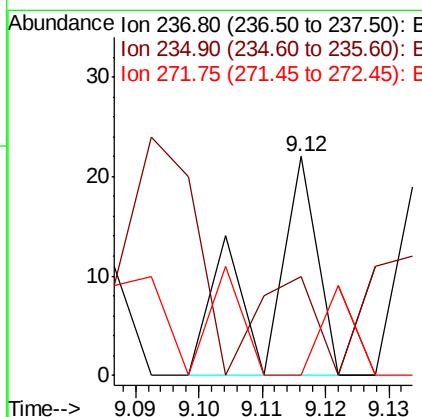
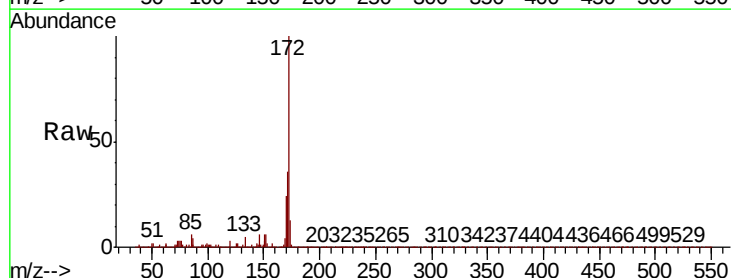
Instrument :
BNA_P
ClientSampleId :

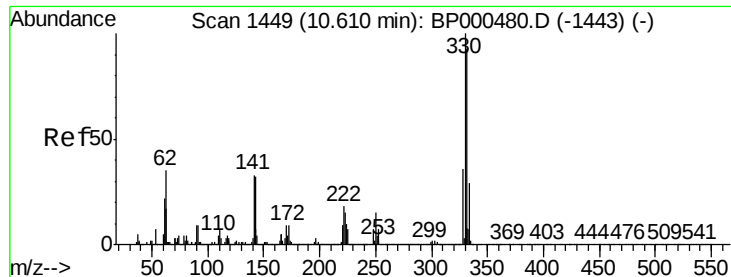
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.8	82.2	123.2
160	45.0	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 9.12 min Scan# 1195
Delta R.T. 0.19 min
Lab File: BP000684.D
Acq: 12 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
237	100		
235	45.5	42.9	82.9
272	0.0	0.0	32.4





#42

2,4,6-Tribromophenol

Concen: 14.582 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000684.D

Acq: 12 Oct 2019 21:58

Instrument :

BNA_P

ClientSampleId :

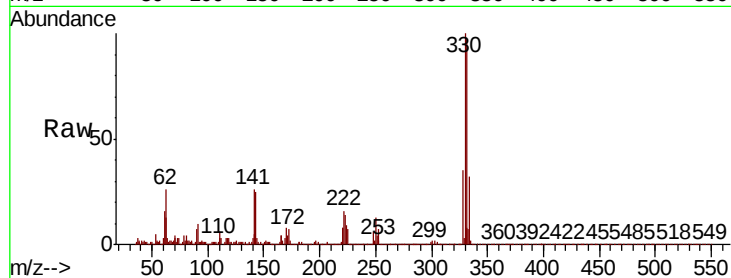
Tot Ion:330 Resp: 80622

Ion Ratio Lower Upper

330 100

332 95.2 77.1 115.7

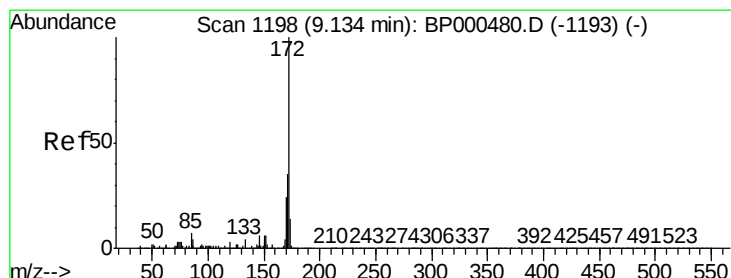
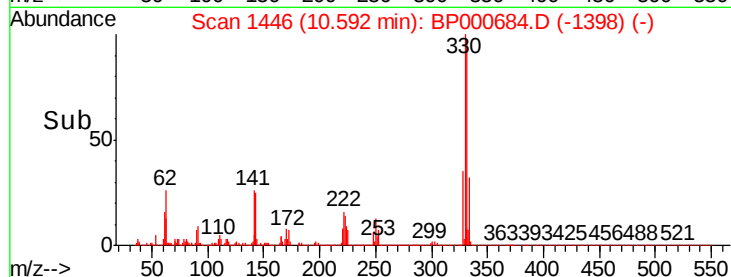
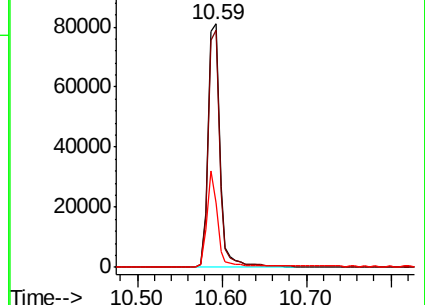
141 33.1 26.0 39.0



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: 63.833 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.02 min

Lab File: BP000684.D

Acq: 12 Oct 2019 21:58

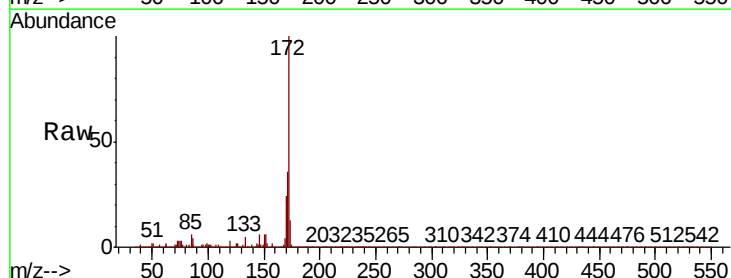
Tgt Ion:172 Resp: 2046871

Ion Ratio Lower Upper

172 100

171 36.3 28.4 42.6

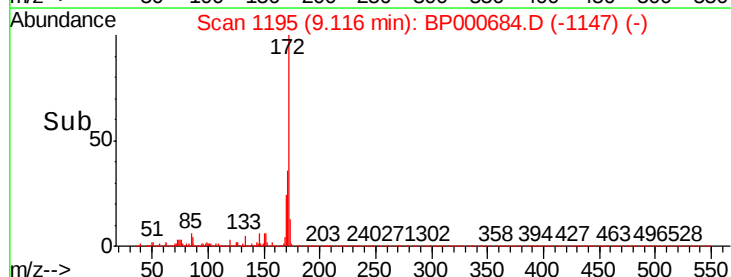
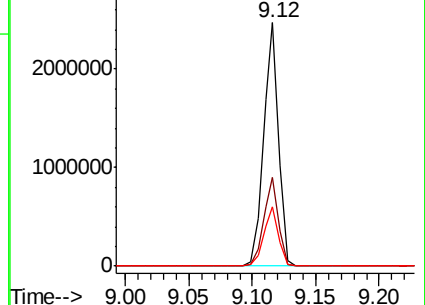
170 24.3 19.1 28.7

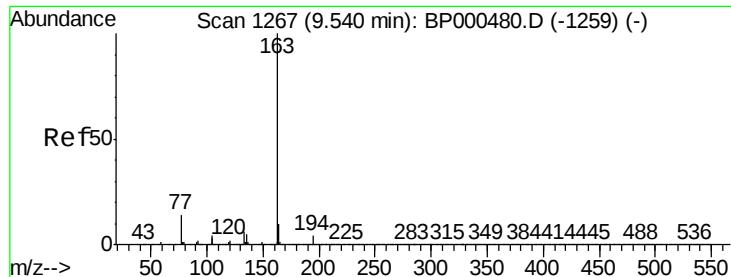


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

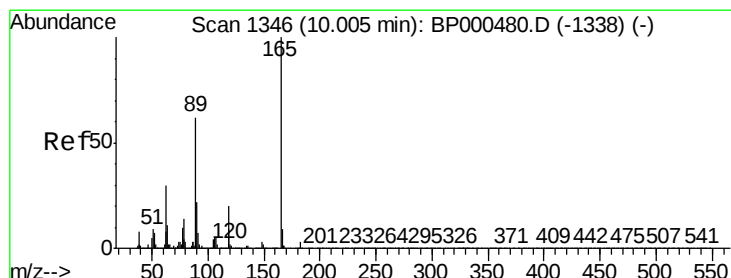
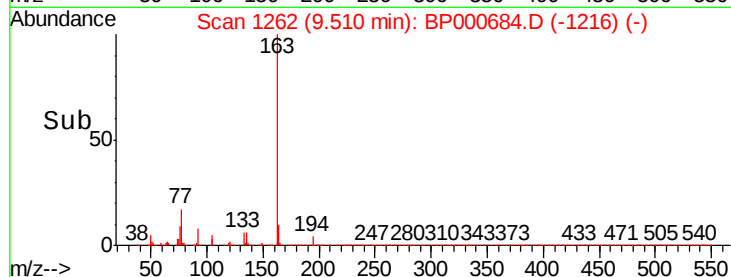
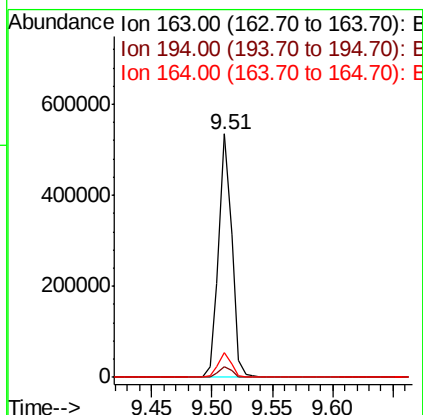
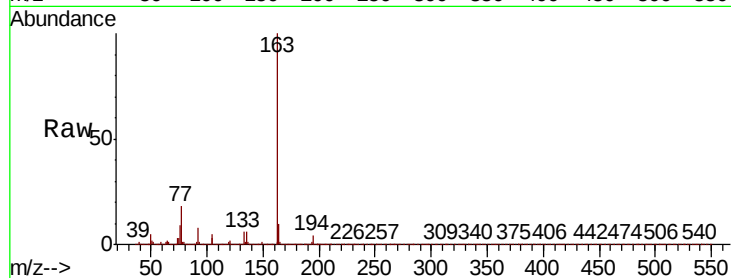




#50
Dimethylphthalate
Concen: 11.058 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000684.D
Acq: 12 Oct 2019 21:58

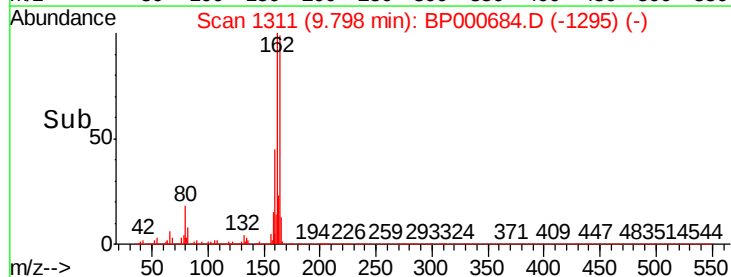
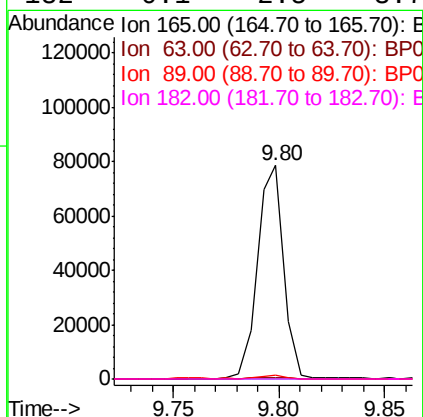
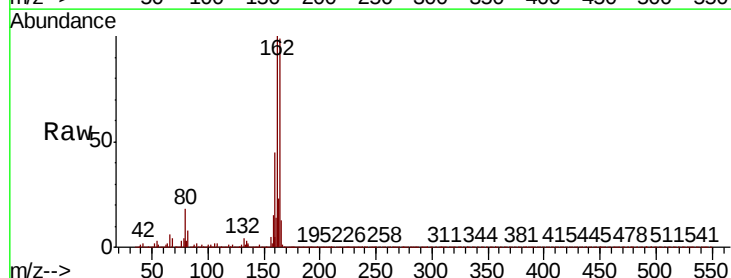
Instrument :
BNA_P
ClientSampleId :

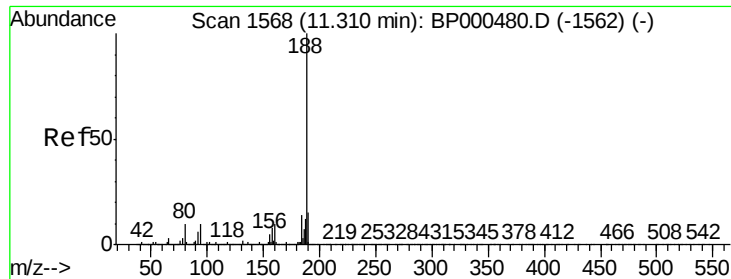
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.493 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000684.D
Acq: 12 Oct 2019 21:58

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.6	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: BP000684.D

Acq: 12 Oct 2019 21:58

Instrument :

BNA_P

ClientSampleId :

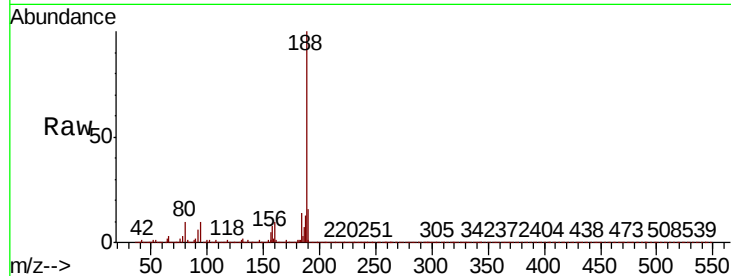
Tot Ion:188 Resp: 954306

Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.2

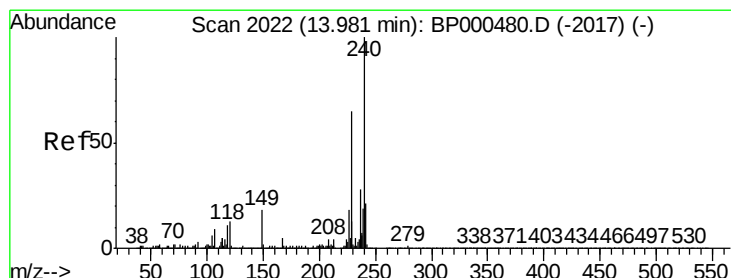
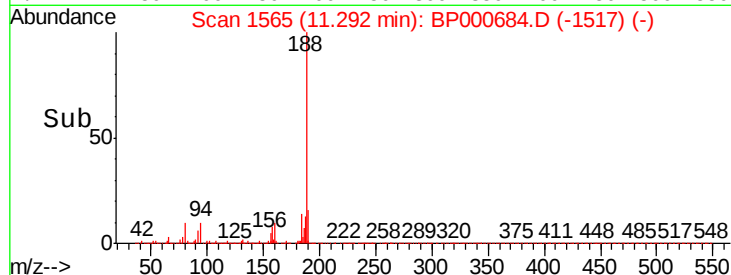
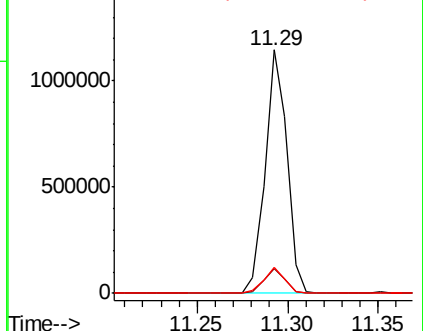
80 10.5 8.3 12.5



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: BP000684.D

Acq: 12 Oct 2019 21:58

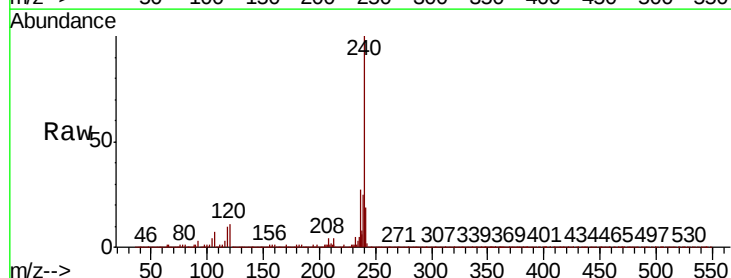
Tgt Ion:240 Resp: 816237

Ion Ratio Lower Upper

240 100

120 10.9 10.1 15.1

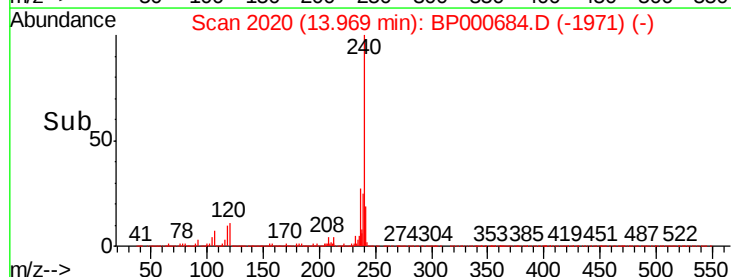
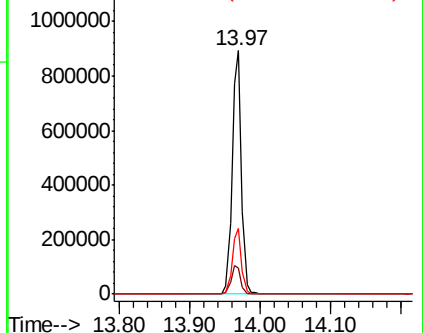
236 26.9 22.7 34.1

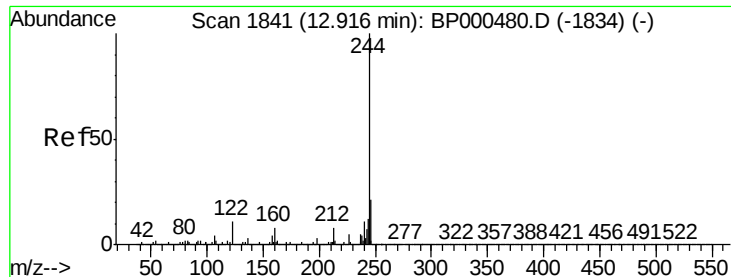


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 59.789 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BP000684.D

Acq: 12 Oct 2019 21:58

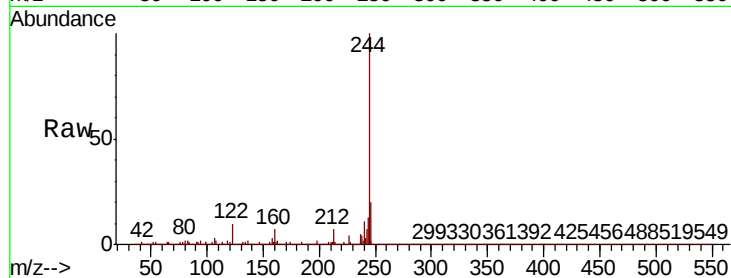
Instrument :

BNA_P

ClientSampleId :

Tot Ion:244 Resp: 2410290

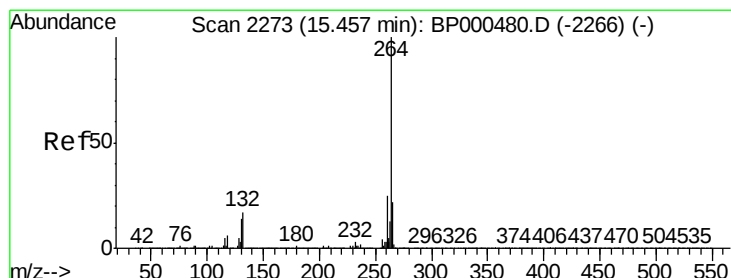
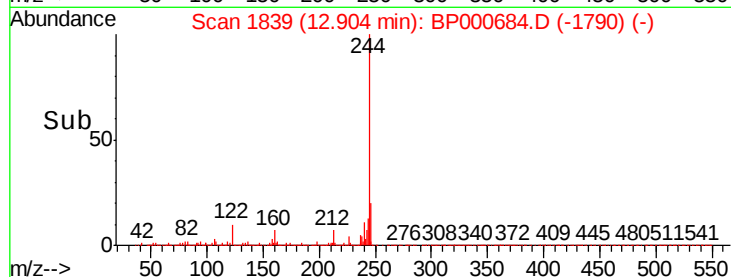
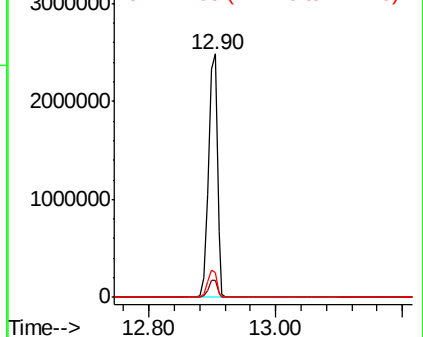
Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.0	9.0
122	10.2	8.9	13.3



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: 15.45 min Scan# 2271

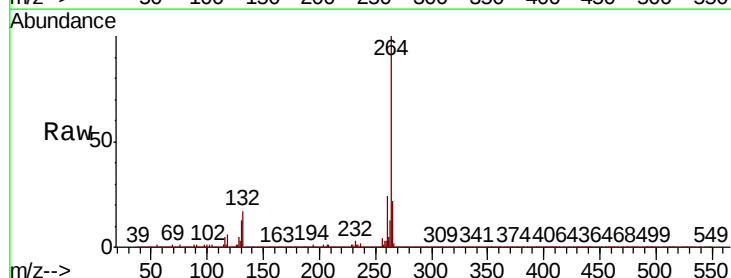
Delta R.T. -0.01 min

Lab File: BP000684.D

Acq: 12 Oct 2019 21:58

Tgt Ion:264 Resp: 895333

Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	21.9	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

