

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101319\
 Data File : BP000686.D
 Acq On : 12 Oct 2019 22:47
 Operator : JU
 Sample : K5348-11
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 14 04:38:29 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

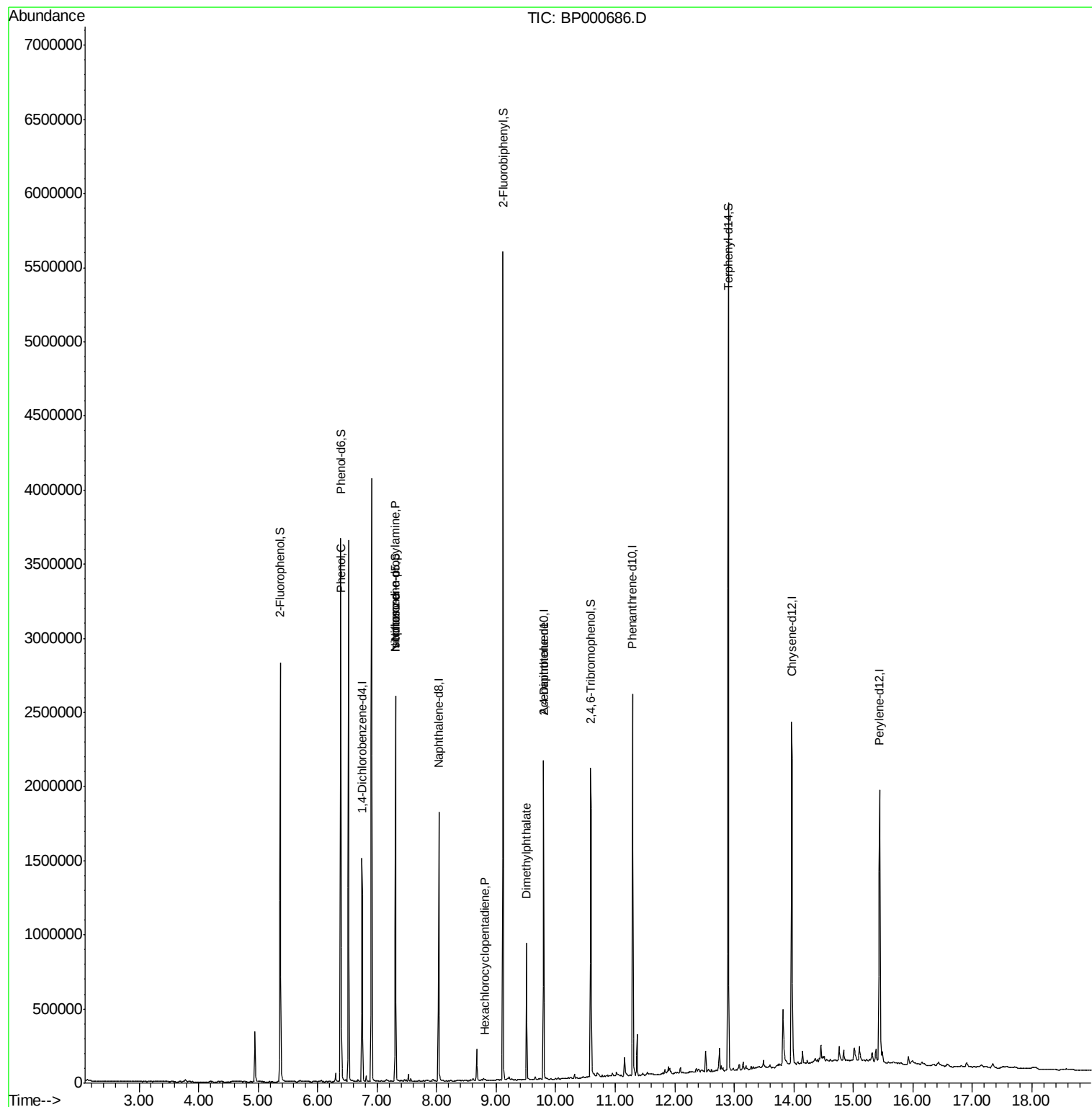
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	233524	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	837407	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	460081	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	856630	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	743088	20.00	ng	-0.02
87) Perylene-d12	15.44	264	819530	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	940150	64.71	ng	-0.02
7) Phenol-d6	6.39	99	1490221	85.12	ng	-0.02
23) Nitrobenzene-d5	7.31	82	863300	62.96	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	265241	54.10	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1719544	60.47	ng	-0.02
79) Terphenyl-d14	12.90	244	2009258	54.75	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	166529	9.291	ng	92
19) n-Nitroso-di-n-propylamine	7.31	70	106097	13.148	ng	# 73
25) Isophorone	7.31	82	862522	35.445	ng	# 61
41) Hexachlorocyclopentadiene	8.82	237	16	7.300	ng	78
50) Dimethylphthalate	9.51	163	336188	10.516	ng	100
57) 2,4-Dinitrotoluene	9.79	165	60592	6.555	ng	# 31

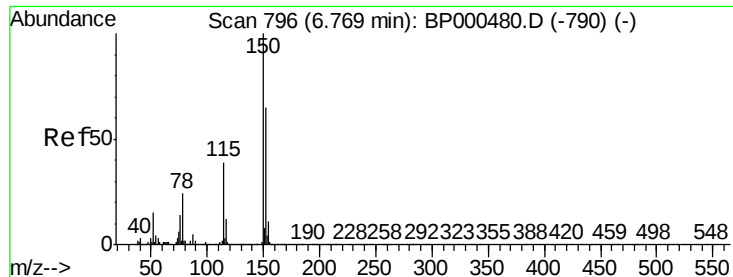
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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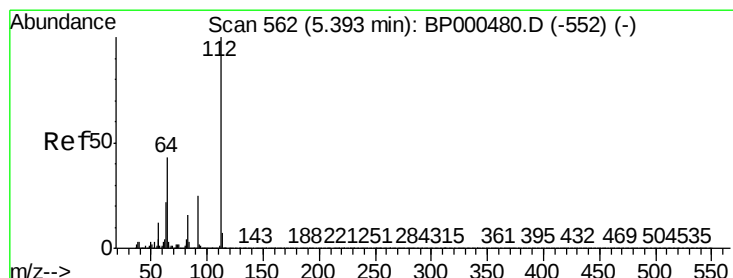
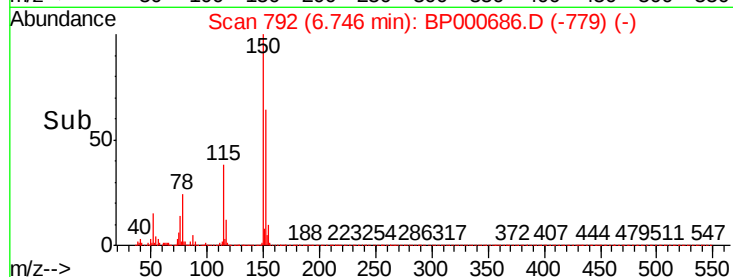
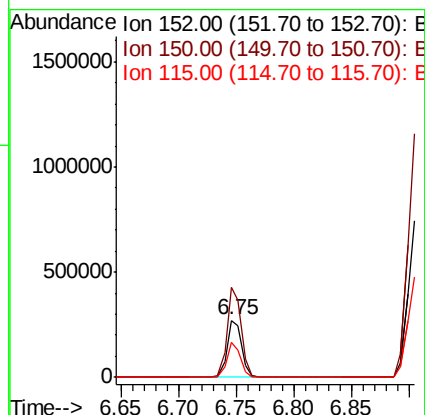
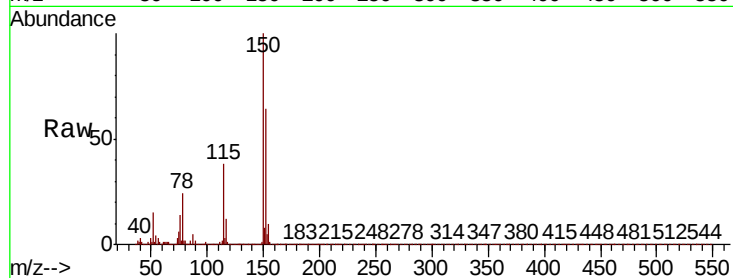


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

Instrument :
BNA_P
ClientSampleId :

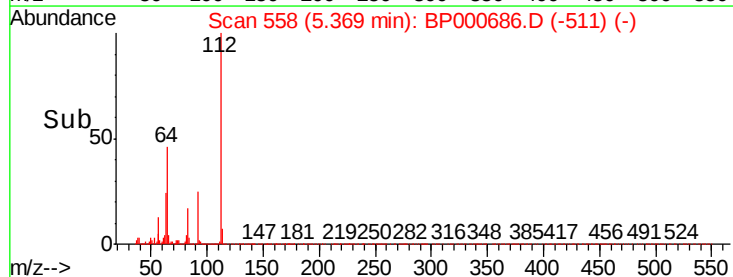
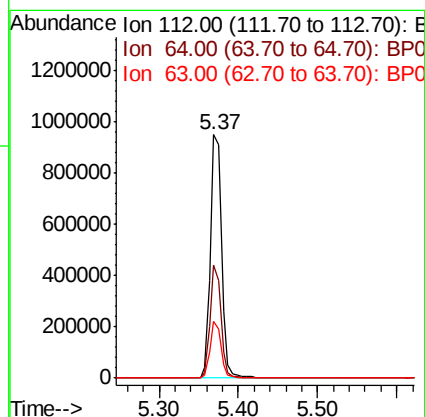
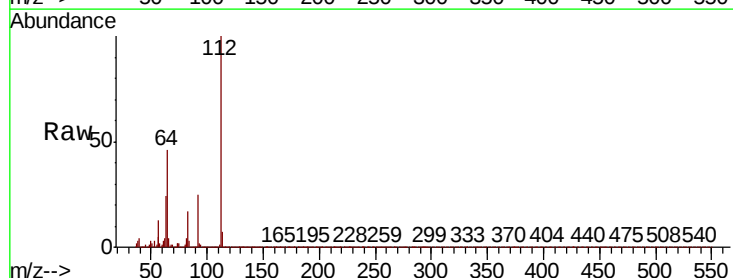
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.1	186.1
115	60.1	48.7	73.1

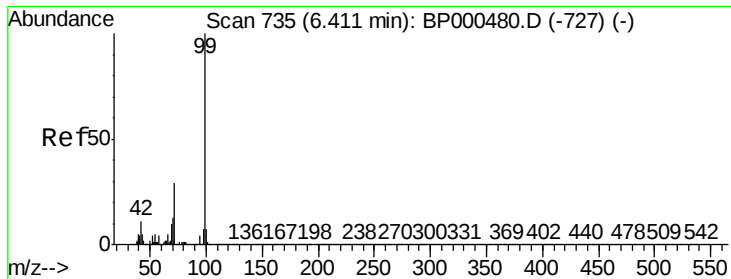


#5

2-Fluorophenol
Concen: 64.714 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.5	34.2	51.4
63	23.5	17.9	26.9





#7

Phenol-d6

Concen: 85.124 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000686.D

Acq: 12 Oct 2019 22:47

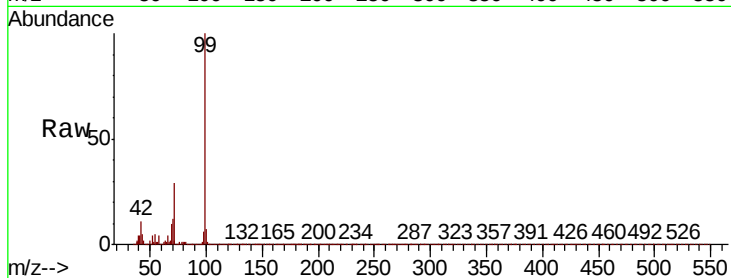
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1490221

Ion	Ratio	Lower	Upper
99	100		
42	11.1	8.6	12.8
71	29.1	23.0	34.4

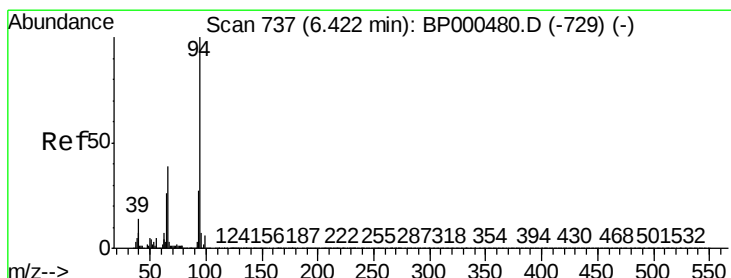
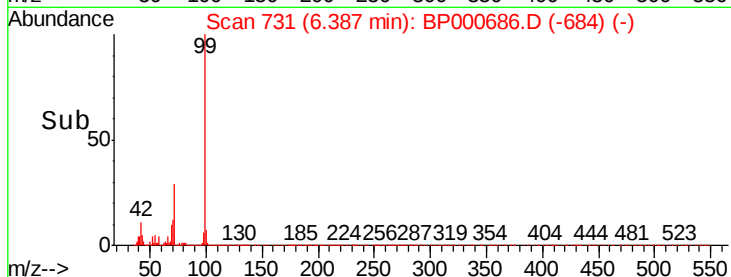
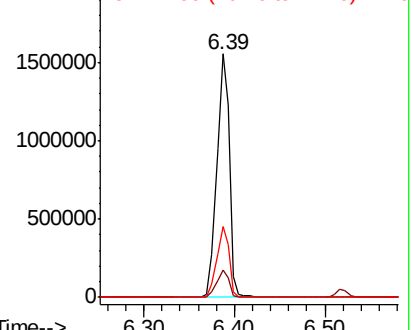


Abundance

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: 9.291 ng

RT: 6.40 min Scan# 733

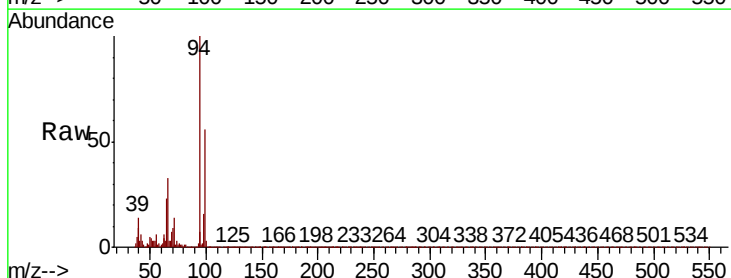
Delta R.T. -0.02 min

Lab File: BP000686.D

Acq: 12 Oct 2019 22:47

Tgt Ion: 94 Resp: 166529

Ion	Ratio	Lower	Upper
94	100		
65	23.1	5.9	45.9
66	32.7	18.8	58.8

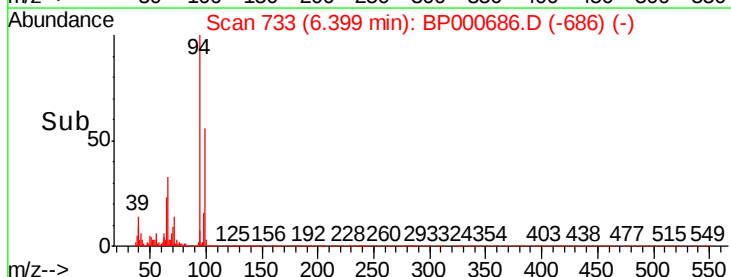
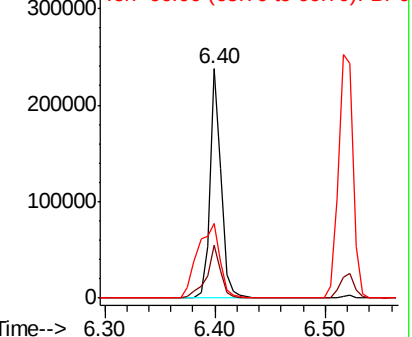


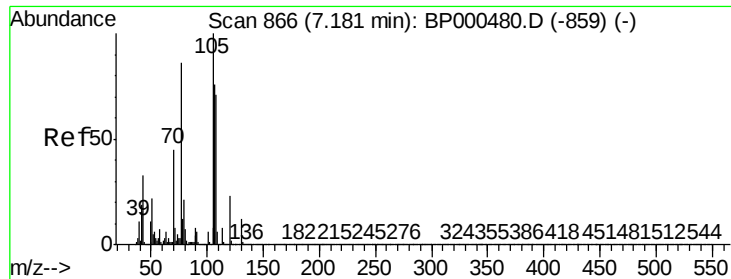
Abundance

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

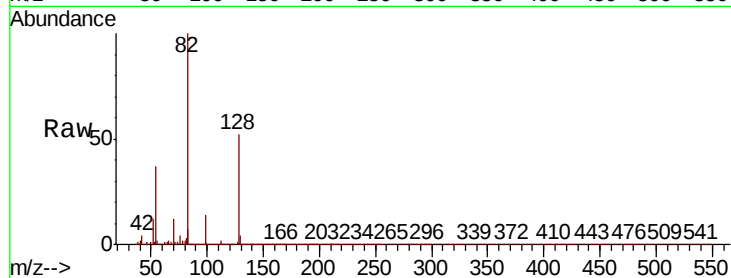




#19
n-Nitroso-di-n-propylamine
Concen: 13.148 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
70	100		
42	33.4	33.2	49.8
101	0.1	9.9	14.9#
130	2.6	21.8	32.8#



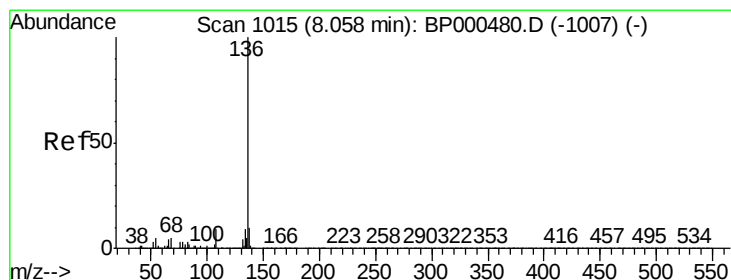
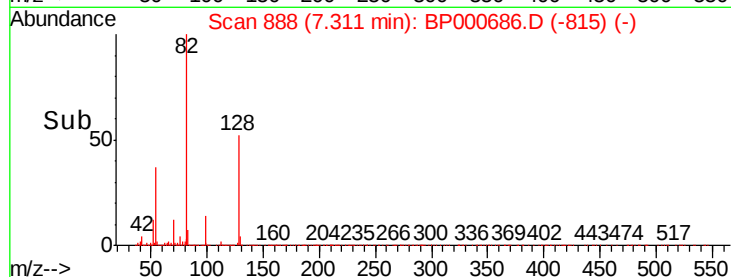
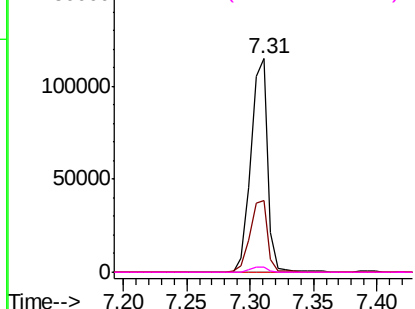
Abundance

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: BP000686.D
Acq: 12 Oct 2019 22:47

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.3	4.1	6.1
68	5.2	4.1	6.1

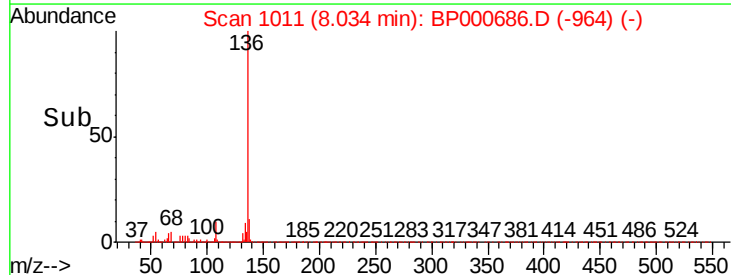
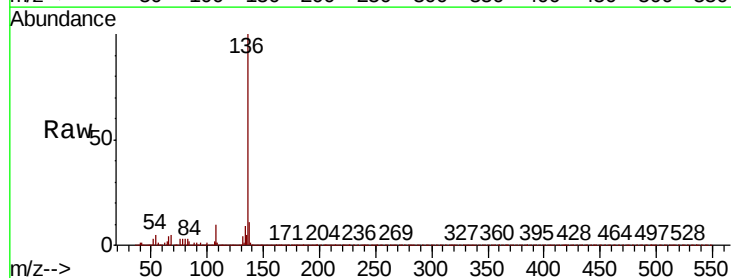
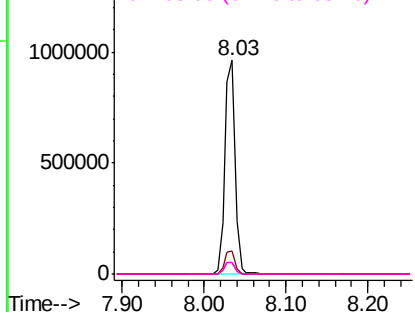
Abundance

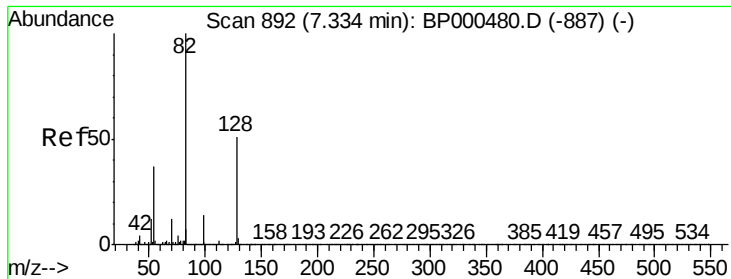
Ion 136.00 (135.70 to 136.70): E

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

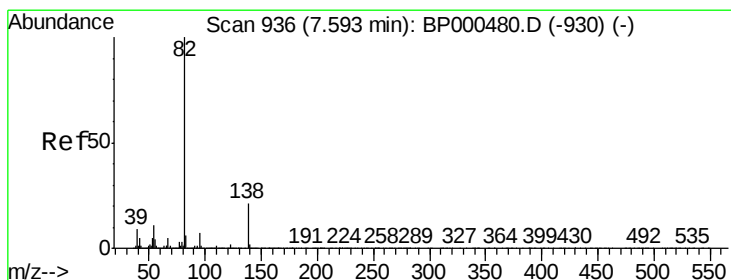
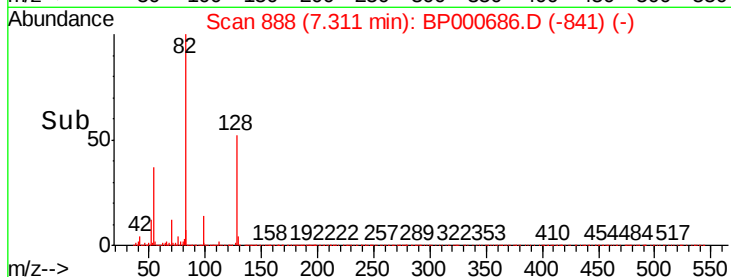
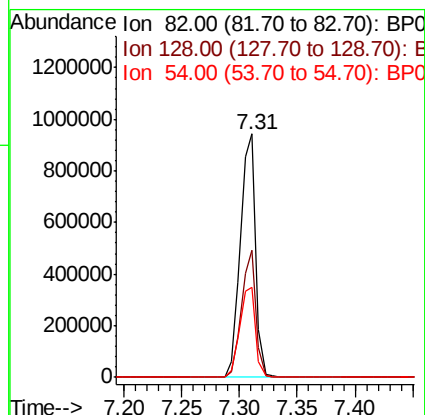
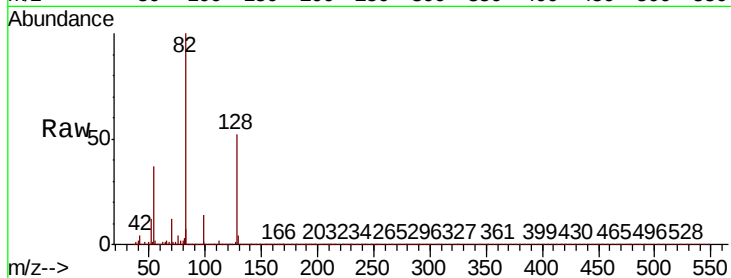




#23
 Nitrobenzene-d5
 Concen: 62.964 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.02 min
 Lab File: BP000686.D
 Acq: 12 Oct 2019 22:47

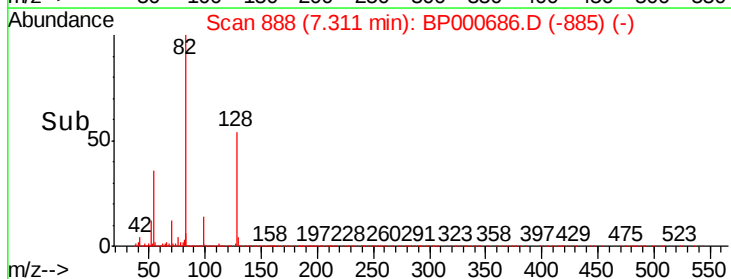
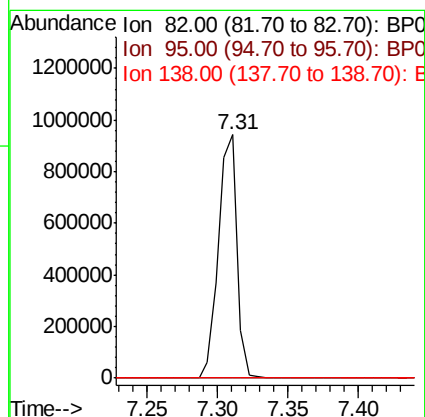
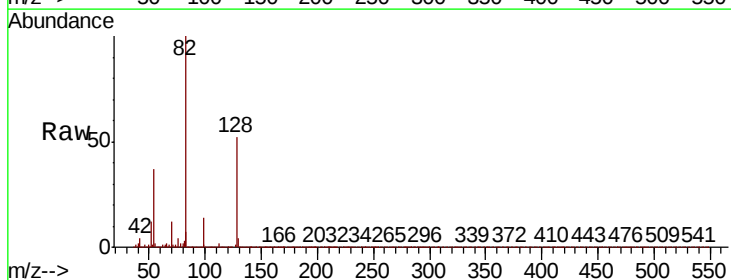
Instrument :
 BNA_P
 ClientSampleId :

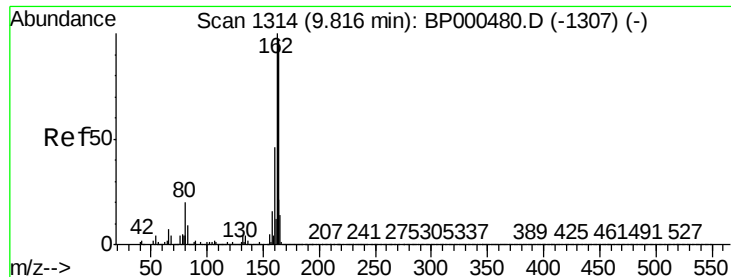
Tot Ion	82	Resp	863300
Ion Ratio	Lower	Upper	
82	100		
128	52.4	40.9	61.3
54	36.9	29.4	44.2



#25
 Isophorone
 Concen: 35.445 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.28 min
 Lab File: BP000686.D
 Acq: 12 Oct 2019 22:47

Tgt Ion	82	Resp	862522
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

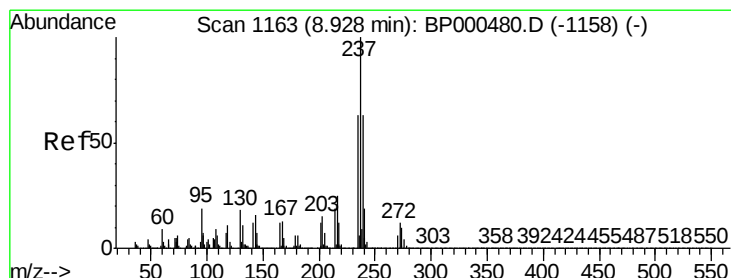
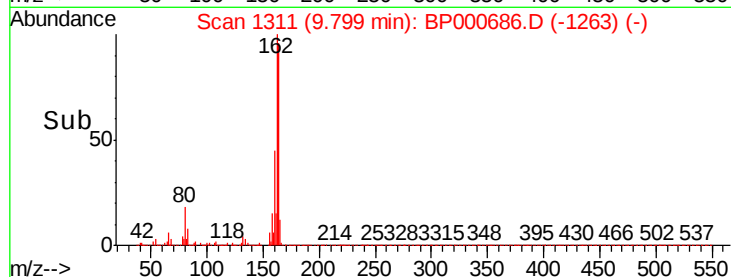
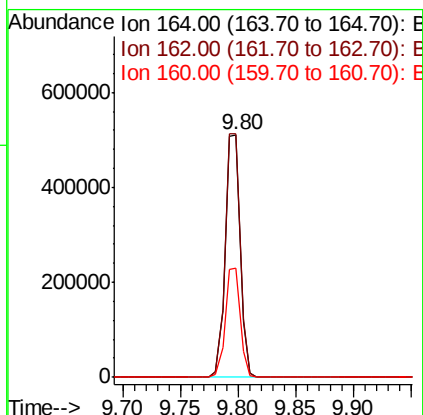
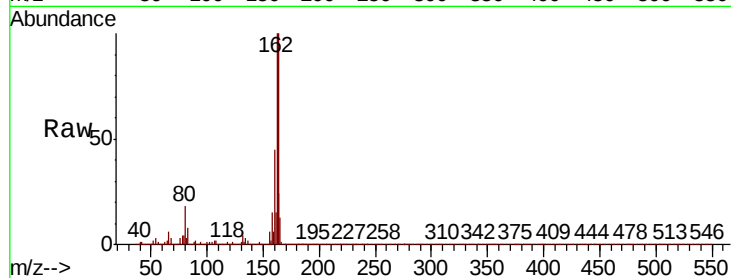




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

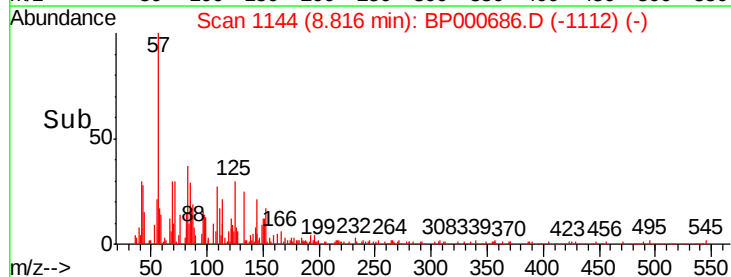
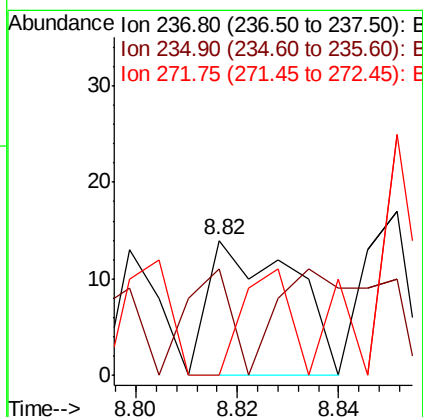
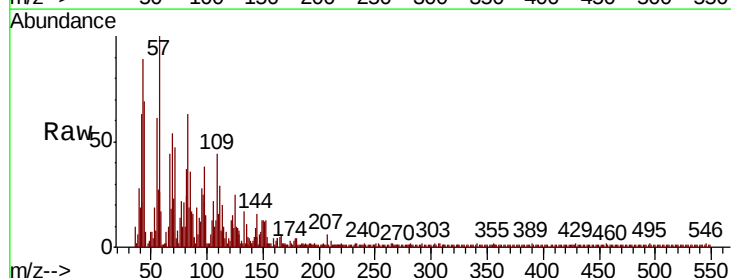
Instrument :
BNA_P
ClientSampleId :

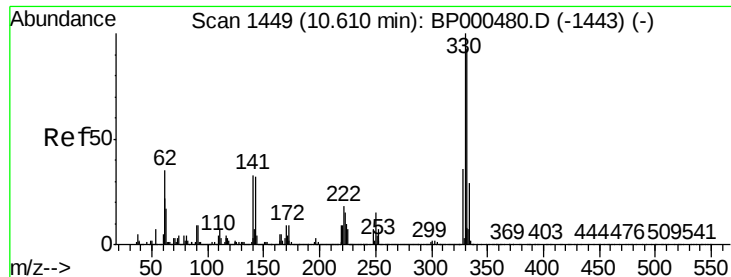
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.2	123.2
160	44.8	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.11 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

Tgt Ion	Ratio	Lower	Upper
237	100		
235	78.6	42.9	82.9
272	0.0	0.0	32.4

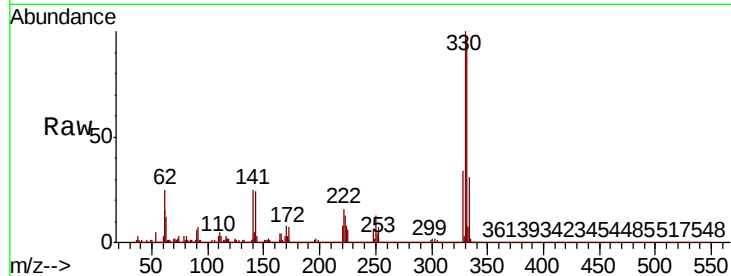




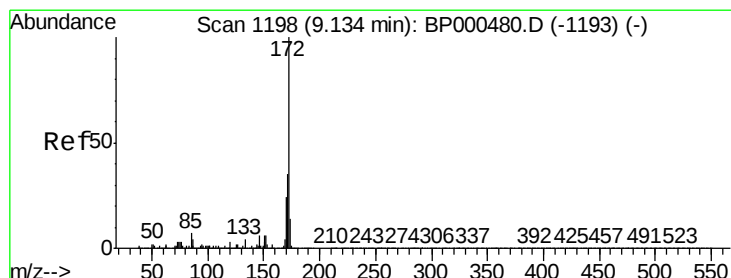
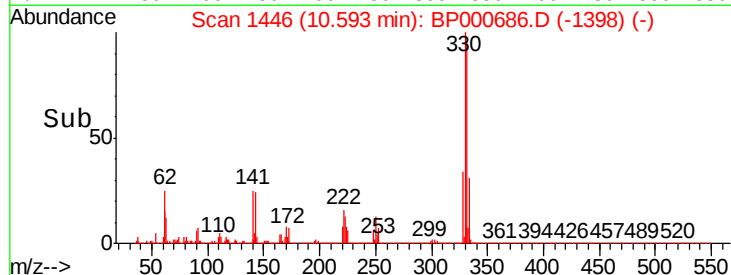
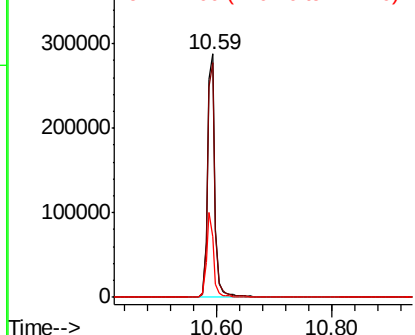
#42
2,4,6-Tribromophenol
Concen: 54.101 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 265241
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 32.8 26.0 39.0

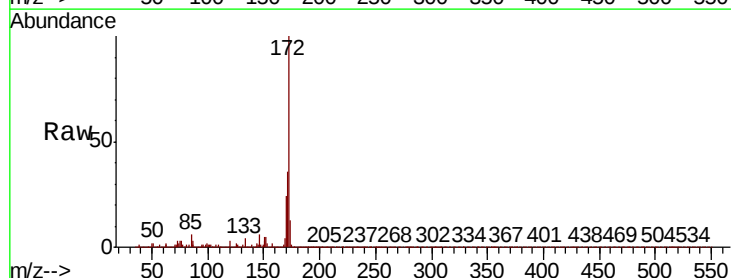


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

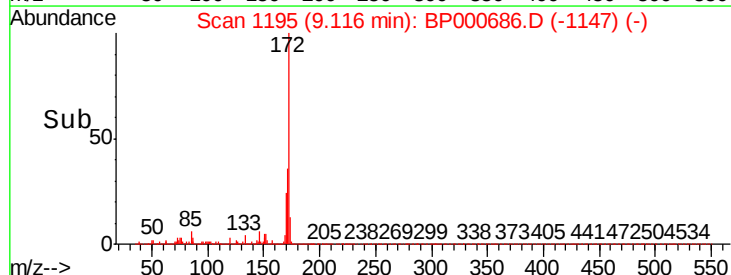
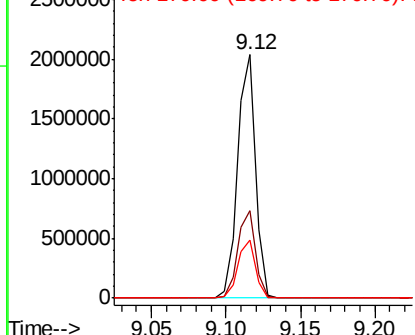


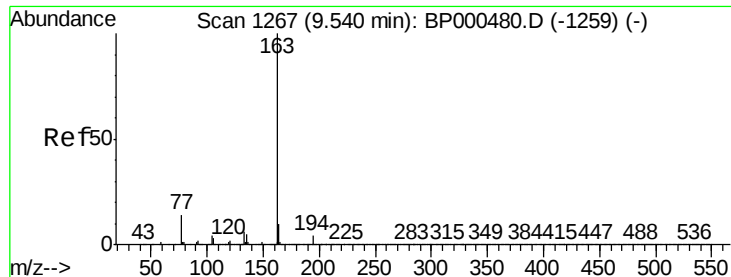
#45
2-Fluorobiphenyl
Concen: 60.472 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

Tgt Ion:172 Resp: 1719544
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 24.0 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

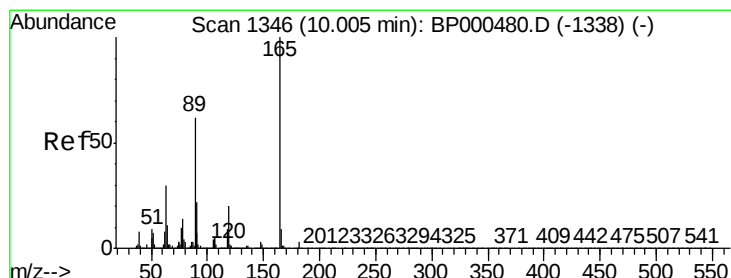
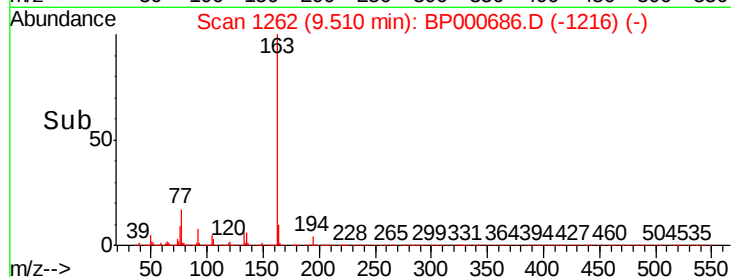
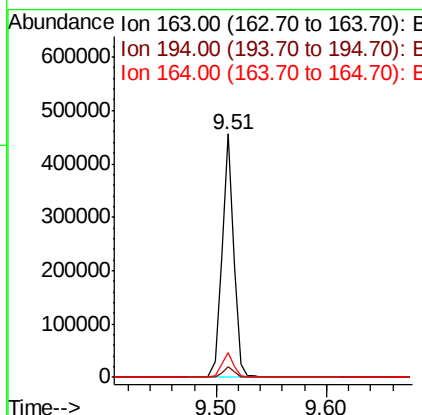
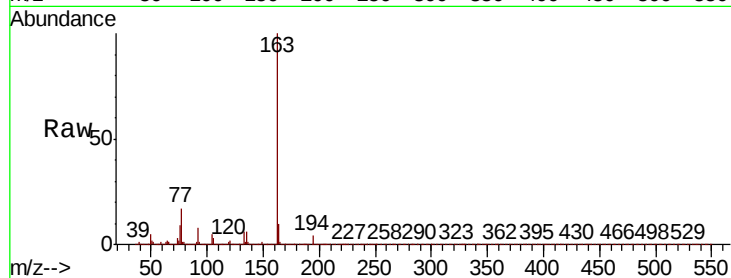




#50
Dimethylphthalate
Concen: 10.516 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

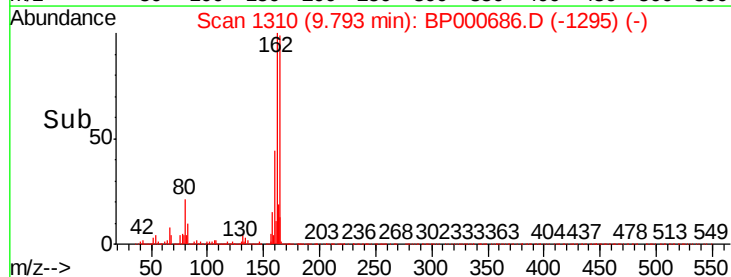
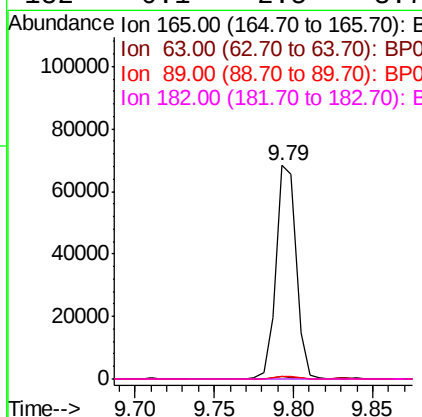
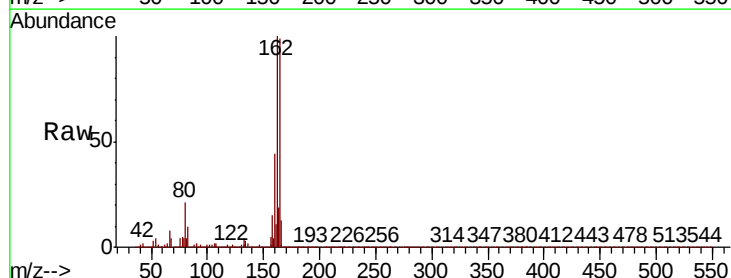
Instrument :
BNA_P
ClientSampleId :

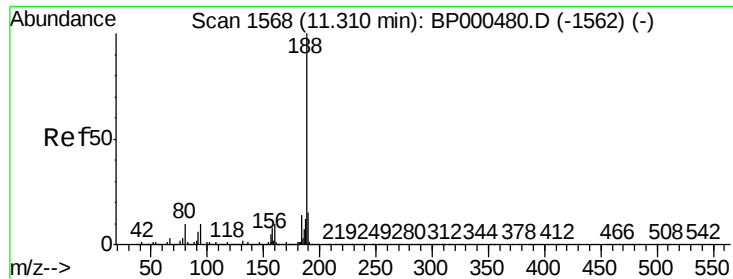
Tot Ion:163 Resp: 336188
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.2
164 10.2 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.555 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.21 min
Lab File: BP000686.D
Acq: 12 Oct 2019 22:47

Tgt Ion:165 Resp: 60592
Ion Ratio Lower Upper
165 100
63 1.0 24.2 36.4#
89 1.1 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: BP000686.D

Acq: 12 Oct 2019 22:47

Instrument :

BNA_P

ClientSampled :

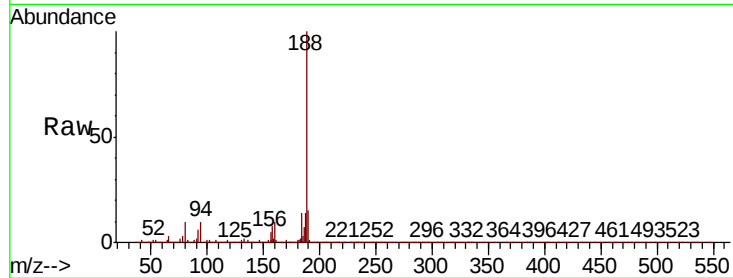
Tot Ion:188 Resp: 856630

Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.2

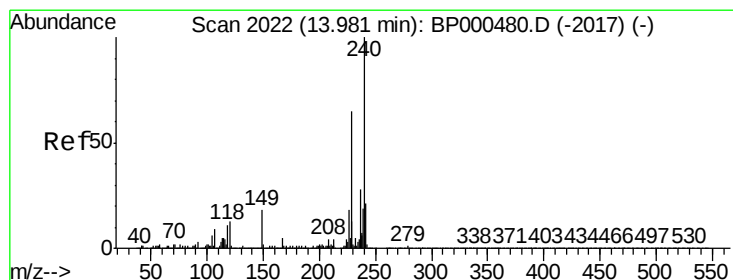
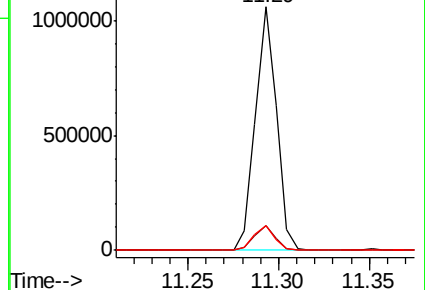
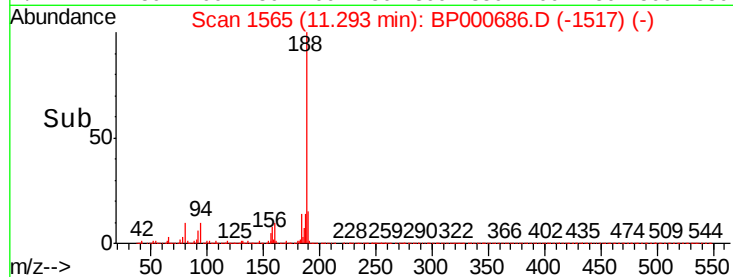
80 10.2 8.3 12.5



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: 13.96 min Scan# 2019

Delta R.T. -0.02 min

Lab File: BP000686.D

Acq: 12 Oct 2019 22:47

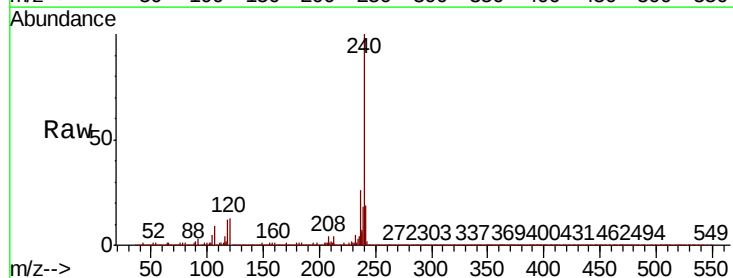
Tgt Ion:240 Resp: 743088

Ion Ratio Lower Upper

240 100

120 13.2 10.1 15.1

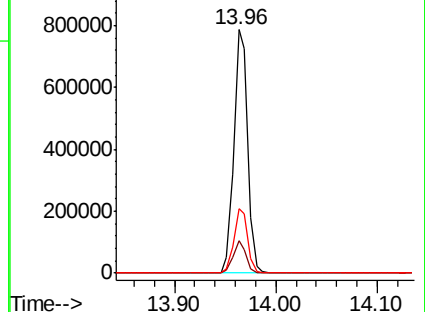
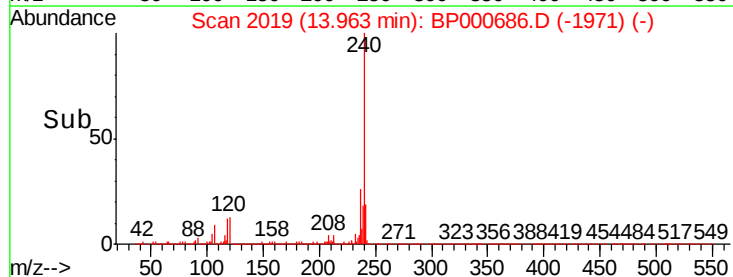
236 26.3 22.7 34.1

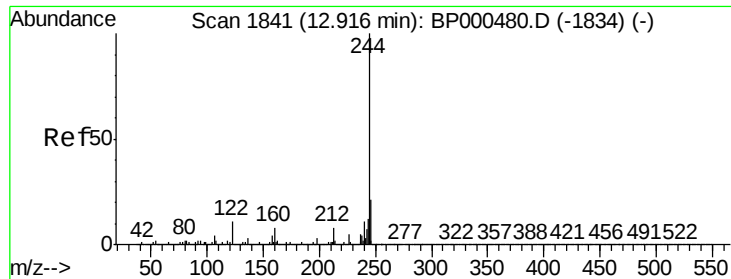


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 54.747 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.02 min

Lab File: BP000686.D

Acq: 12 Oct 2019 22:47

Instrument :

BNA_P

ClientSampleId :

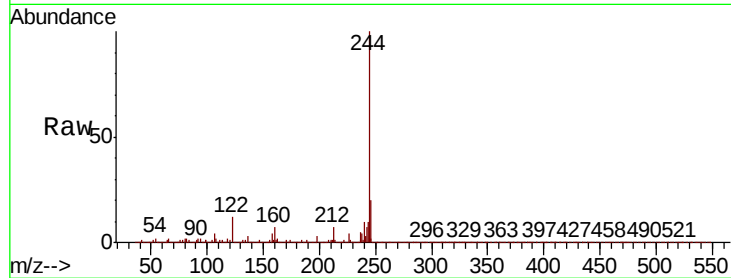
Tot Ion:244 Resp: 2009258

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 12.1 8.9 13.3

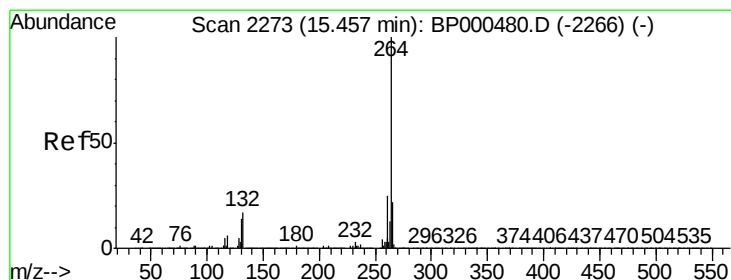
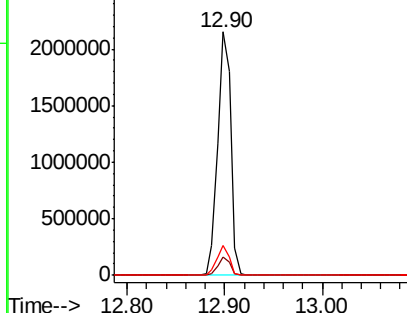
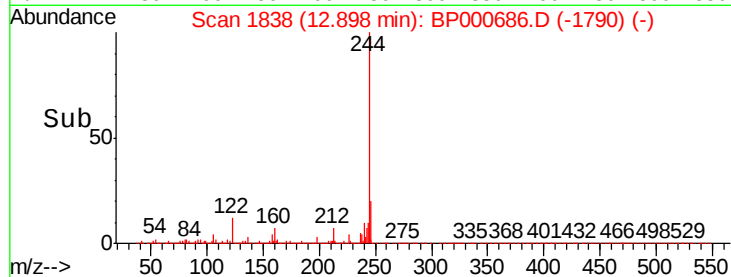


Abundance

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: BP000686.D

Acq: 12 Oct 2019 22:47

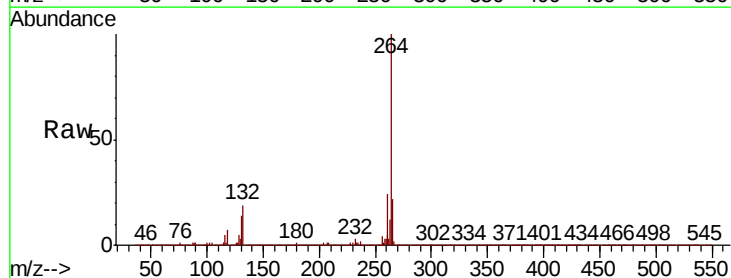
Tgt Ion:264 Resp: 819530

Ion Ratio Lower Upper

264 100

260 24.0 20.3 30.5

265 22.0 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

