

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
 Data File : BP000518.D
 Acq On : 04 Oct 2019 19:37
 Operator : JU
 Sample : K5205-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Oct 04 23:41:27 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

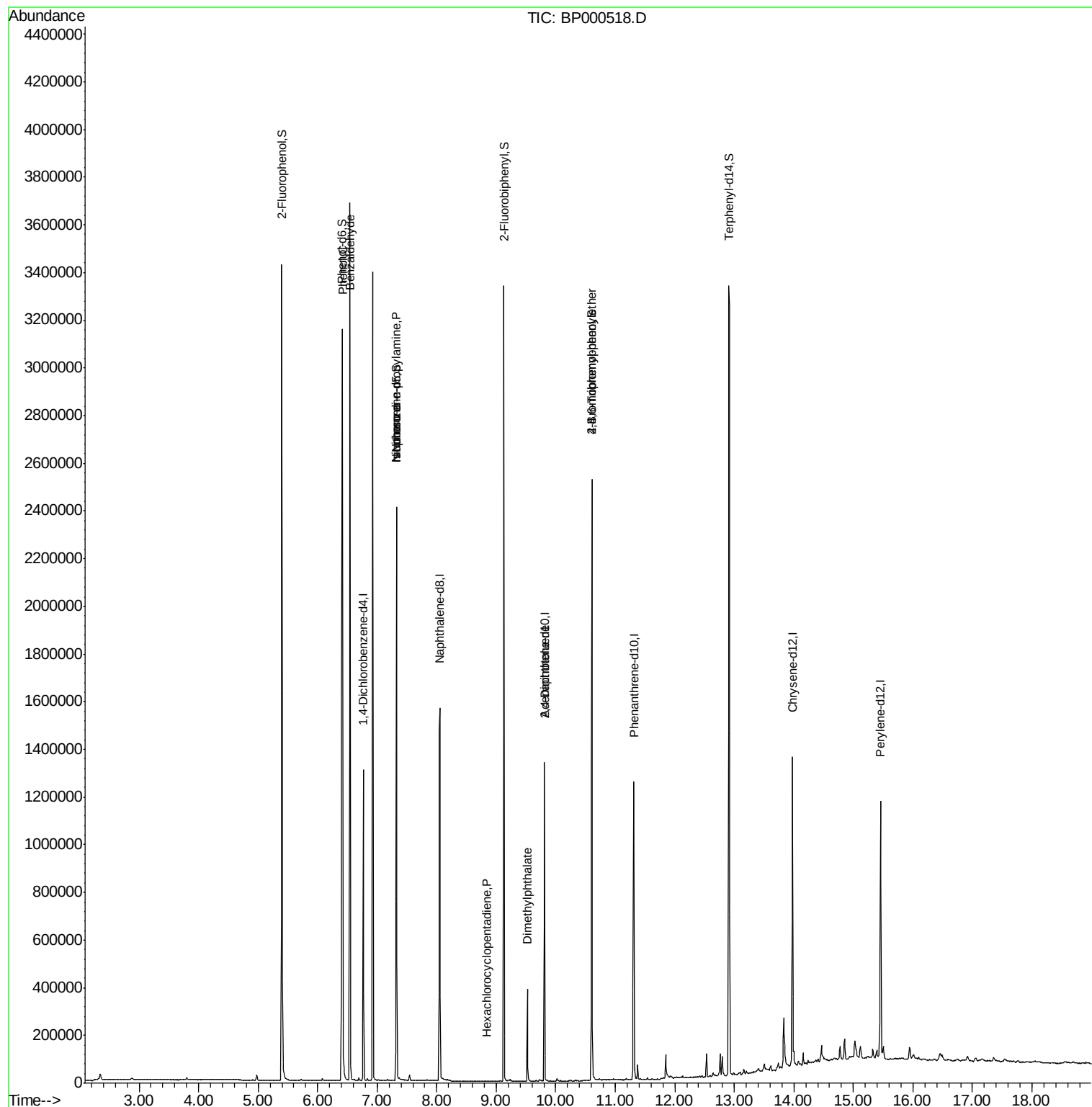
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	200019	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	714703	20.00	ng	0.00
39) Acenaphthene-d10	9.81	164	243507	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	471021	20.00	ng	0.00
76) Chrysene-d12	13.97	240	435467	20.00	ng	0.00
87) Perylene-d12	15.46	264	498227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1088200	87.45	ng	0.00
7) Phenol-d6	6.42	99	1339390	89.32	ng	0.00
23) Nitrobenzene-d5	7.33	82	743569	63.54	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	325980	125.63	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	917213	60.94	ng	0.00
79) Terphenyl-d14	12.92	244	1241861	57.74	ng	0.00
Target Compounds						
9) Benzaldehyde	6.55	77	23433	3.000	ng	82
10) Phenol	6.42	94	49908	3.251	ng	93
19) n-Nitroso-di-n-propylamine	7.33	70	93223	13.488	ng	# 73
25) Isophorone	7.33	82	743060	35.778	ng	# 61
41) Hexachlorocyclopentadiene	8.83	237	20	7.303	ng	84
50) Dimethylphthalate	9.52	163	151622	8.961	ng	99
57) 2,4-Dinitrotoluene	9.81	165	31574	6.454	ng	# 32
67) 4-Bromophenyl-phenylether	10.60	248	21896	4.130	ng	# 1

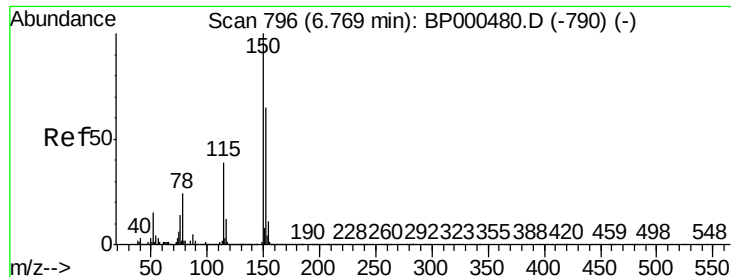
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP100419\
Data File : BP000518.D
Acq On : 04 Oct 2019 19:37
Operator : JU
Sample : K5205-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Oct 04 23:41:27 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



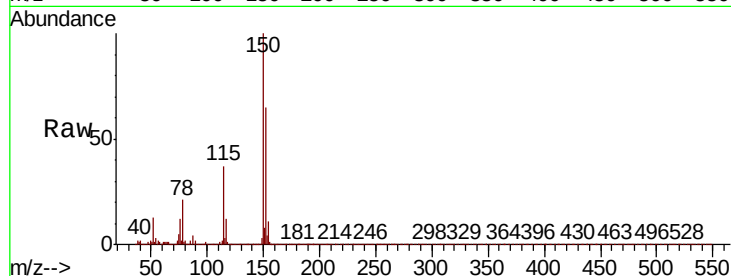


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.1	186.1
115	57.4	48.7	73.1

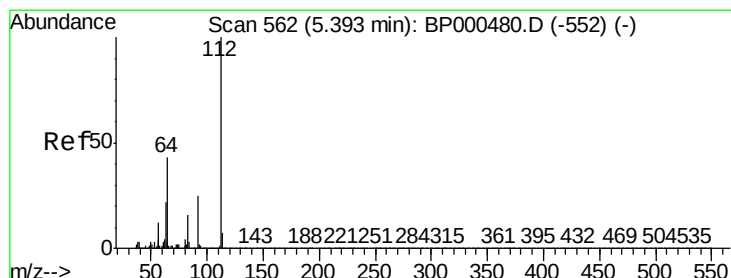
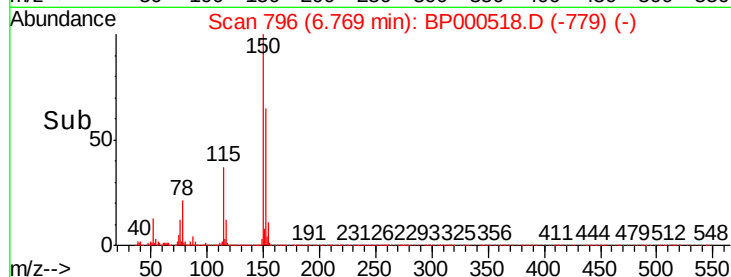
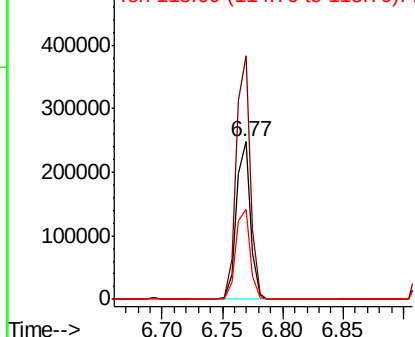


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

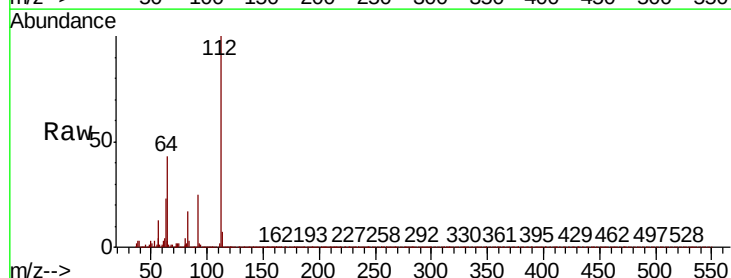
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 87.453 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	43.2	34.2	51.4
63	22.7	17.9	26.9

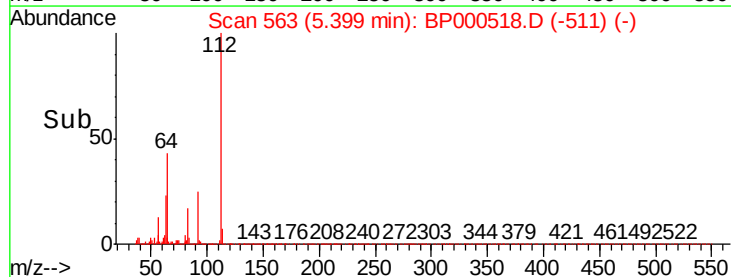
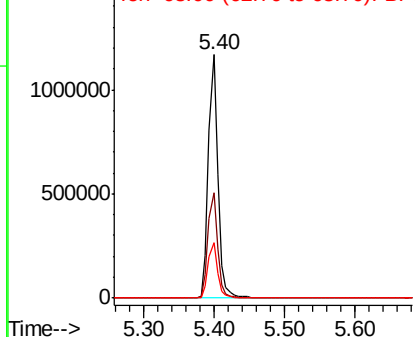


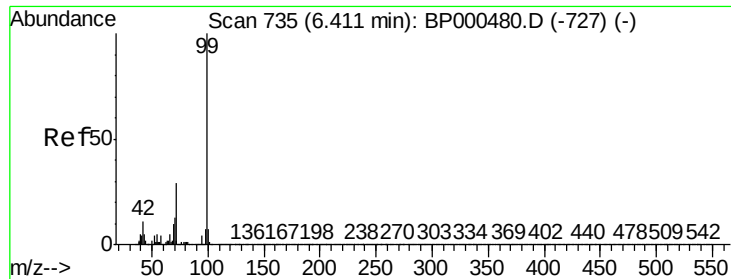
Abundance

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: 89.324 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BP000518.D

Acq: 04 Oct 2019 19:37

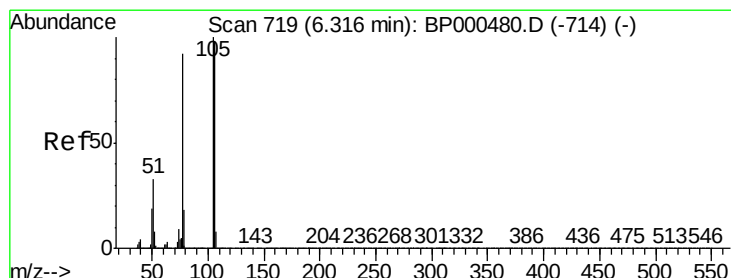
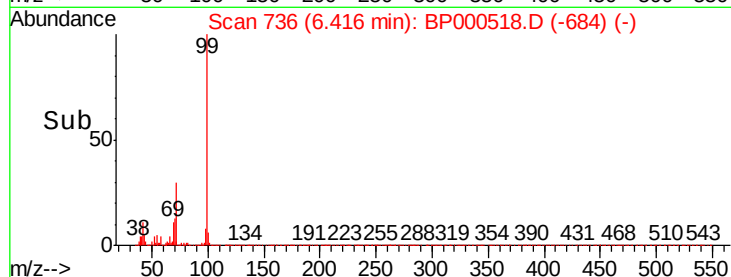
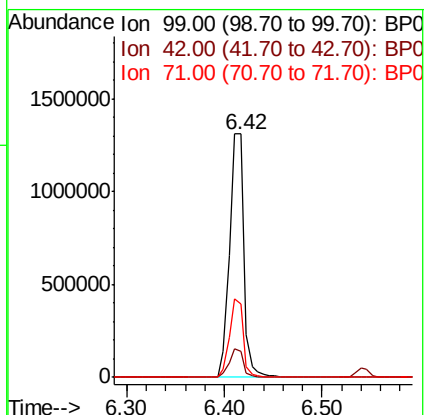
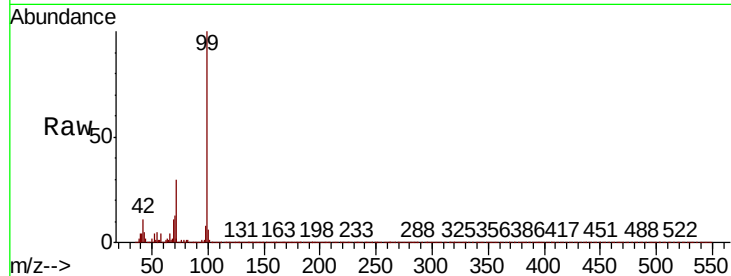
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 1339390

Ion	Ratio	Lower	Upper
99	100		
42	10.5	8.6	12.8
71	30.0	23.0	34.4



#9

Benzaldehyde

Concen: 3.000 ng

RT: 6.55 min Scan# 758

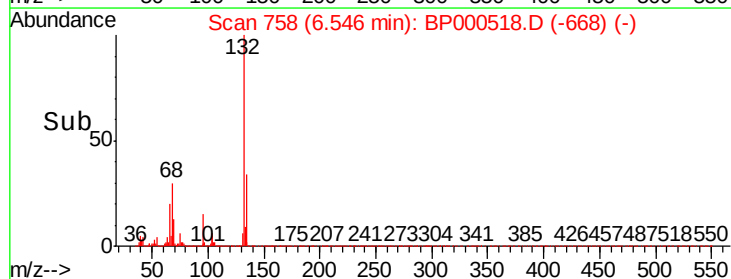
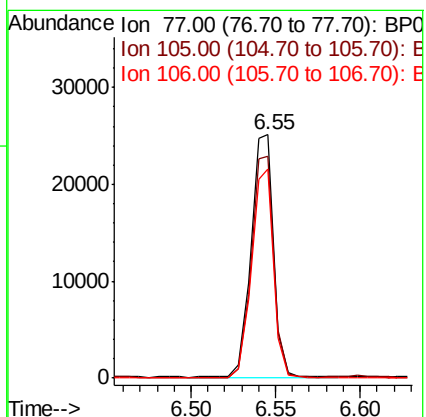
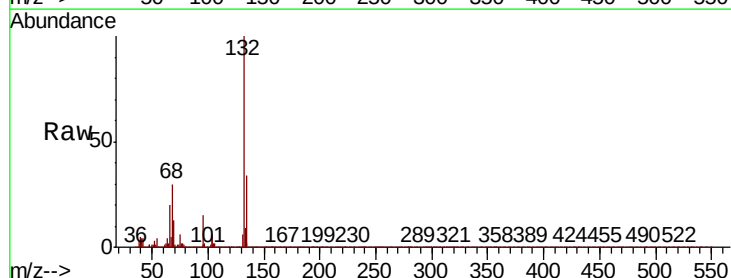
Delta R.T. 0.23 min

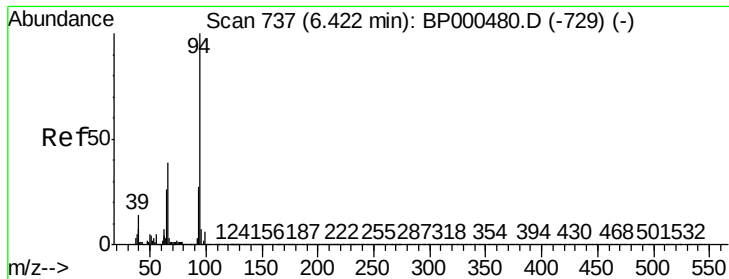
Lab File: BP000518.D

Acq: 04 Oct 2019 19:37

Tgt Ion: 77 Resp: 23433

Ion	Ratio	Lower	Upper
77	100		
105	91.1	88.3	128.3
106	86.0	85.7	125.7

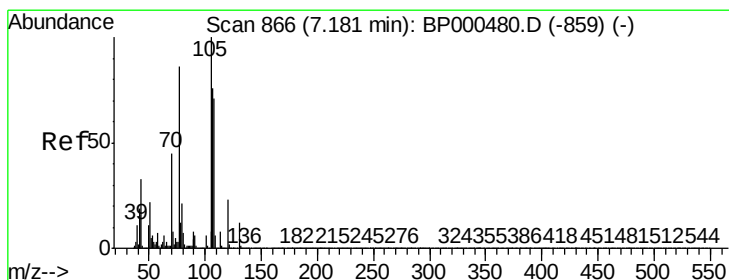
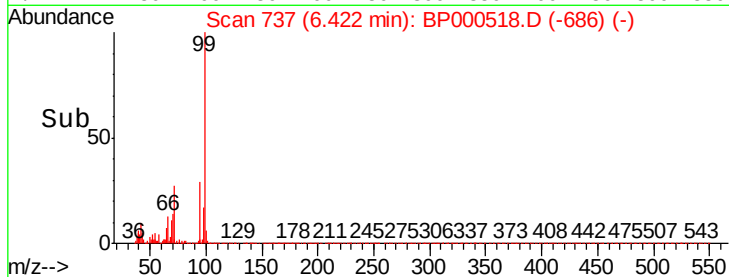
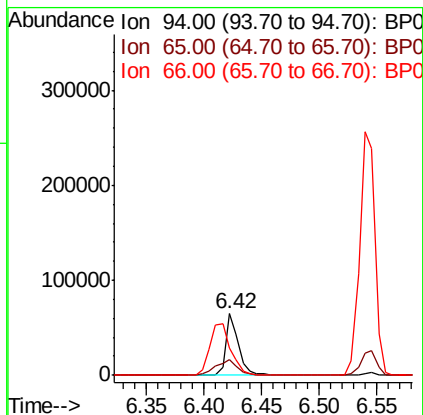
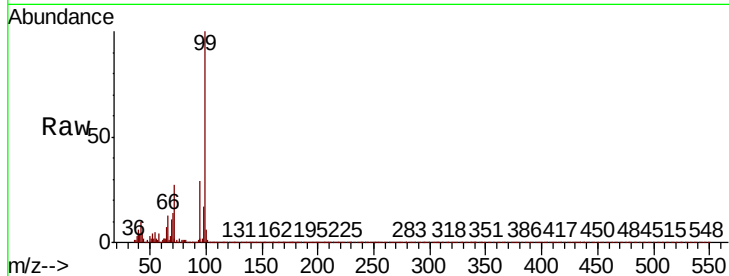




#10
Phenol
Concen: 3.251 ng
RT: 6.42 min Scan# 737
Delta R.T. -0.00 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

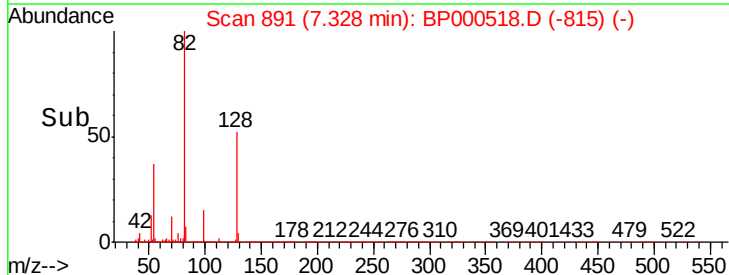
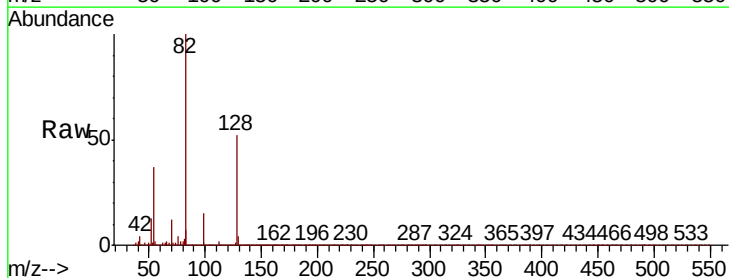
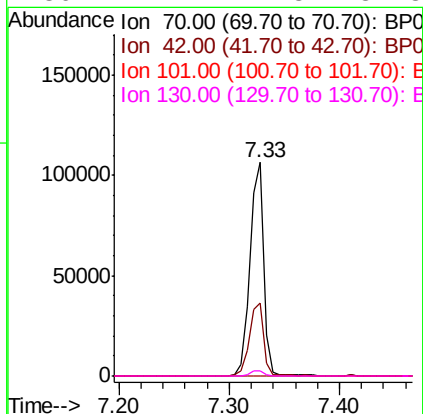
Instrument :
BNA_P
ClientSampleId :

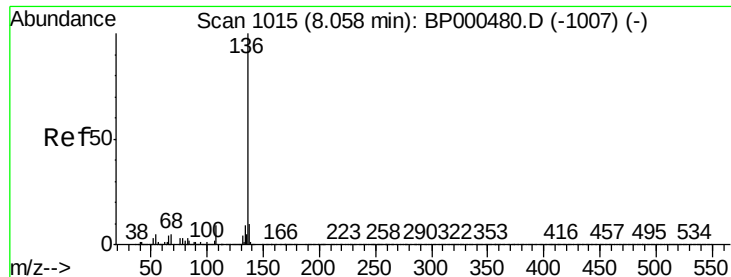
Tot Ion: 94 Resp: 49908
Ion Ratio Lower Upper
94 100
65 26.2 5.9 45.9
66 45.3 18.8 58.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.488 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Tgt Ion: 70 Resp: 93223
Ion Ratio Lower Upper
70 100
42 33.9 33.2 49.8
101 0.0 9.9 14.9#
130 2.7 21.8 32.8#

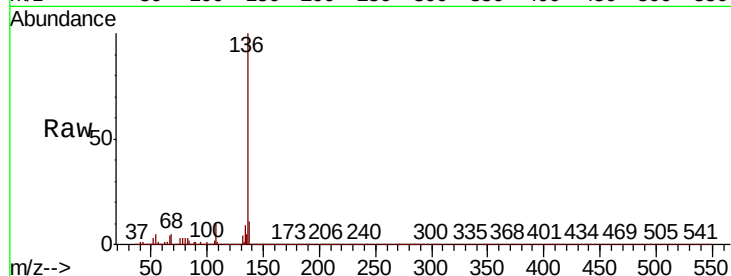




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:136	Resp:	714703
Ion Ratio	Lower	Upper
136 100		
137 10.7	8.2	12.4
54 4.7	4.1	6.1
68 4.8	4.1	6.1



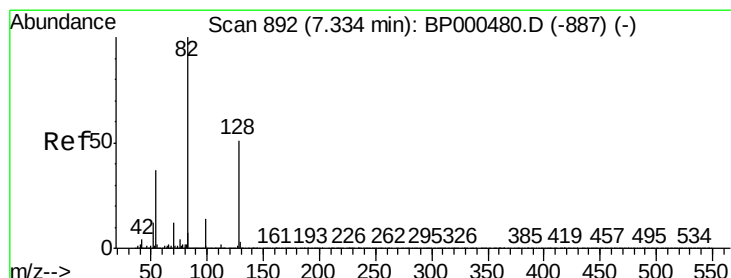
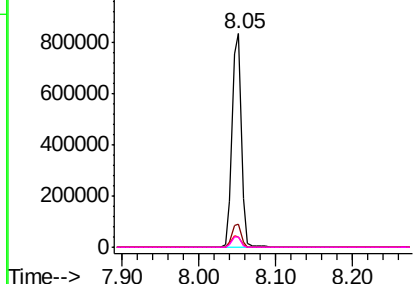
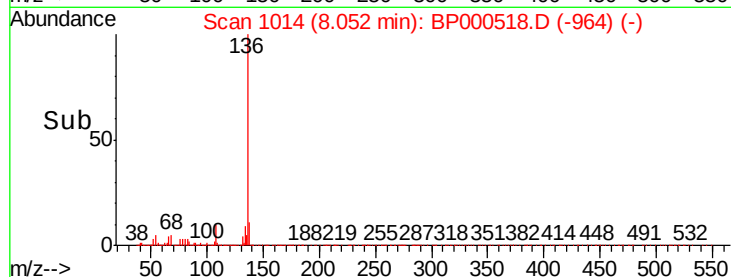
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

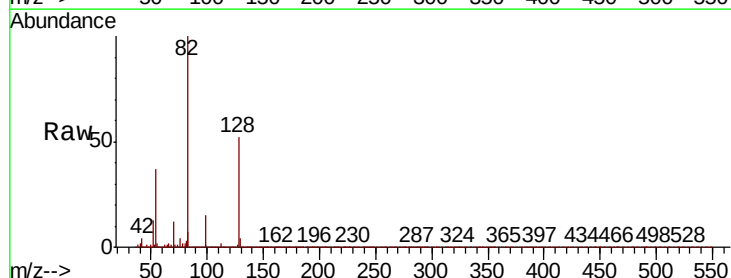
Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0



#23
Nitrobenzene-d5
Concen: 63.542 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Tgt Ion: 82	Resp: 743569
Ion Ratio	Lower Upper
82 100	
128 51.8	40.9 61.3
54 36.8	29.4 44.2

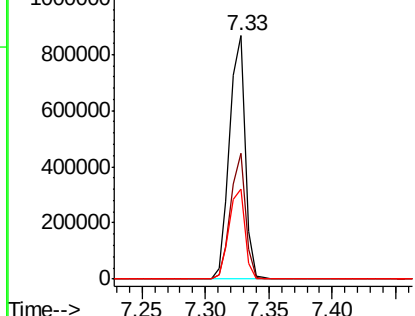
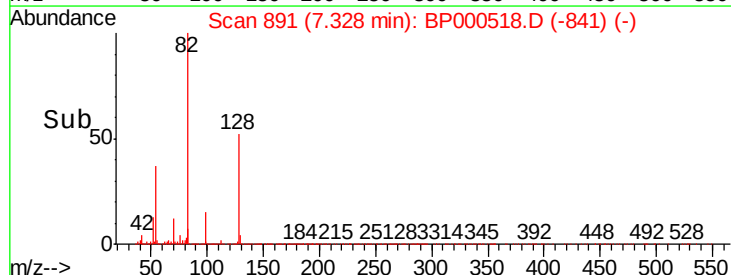


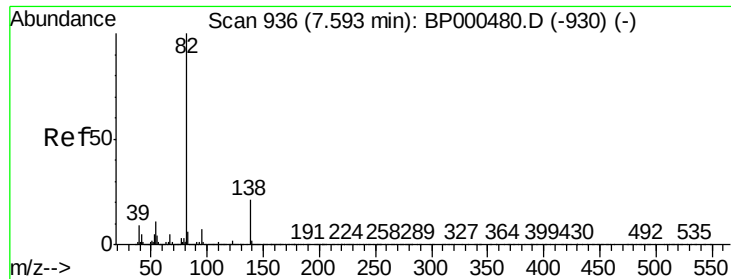
Abundance

Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0





#25

Isophorone

Concen: 35.778 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BP000518.D

Acq: 04 Oct 2019 19:37

Instrument :

BNA_P

ClientSampled :

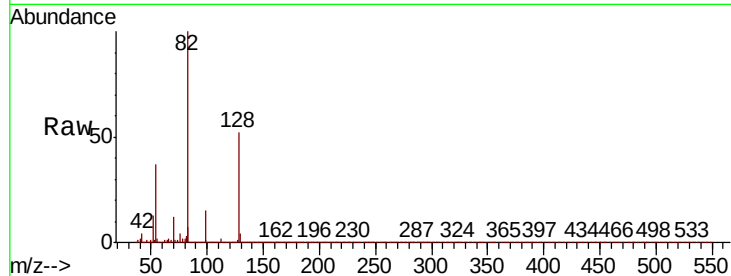
Tot Ion: 82 Resp: 743060

Ion Ratio Lower Upper

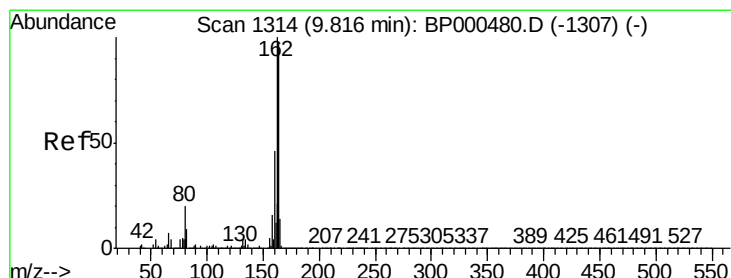
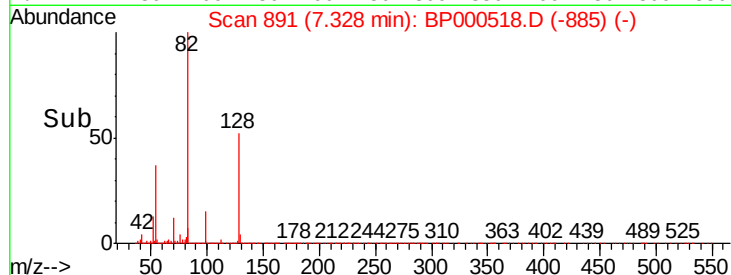
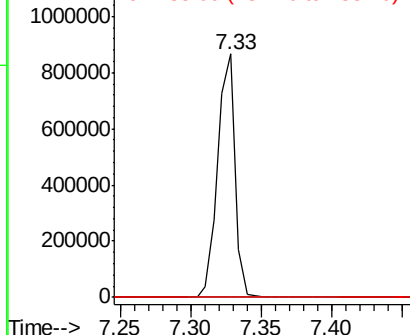
82 100

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): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

Lab File: BP000518.D

Acq: 04 Oct 2019 19:37

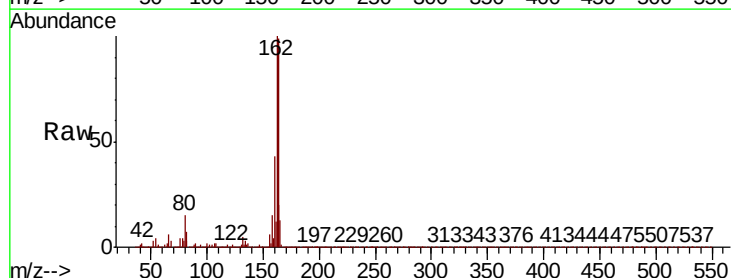
Tgt Ion:164 Resp: 243507

Ion Ratio Lower Upper

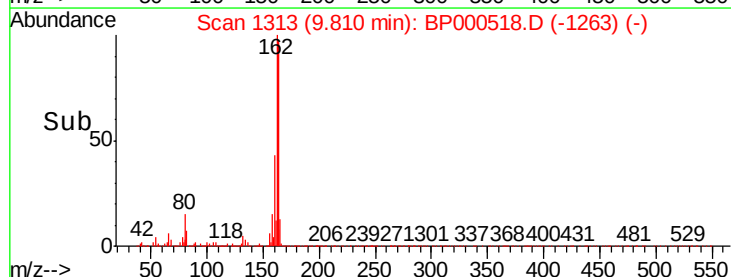
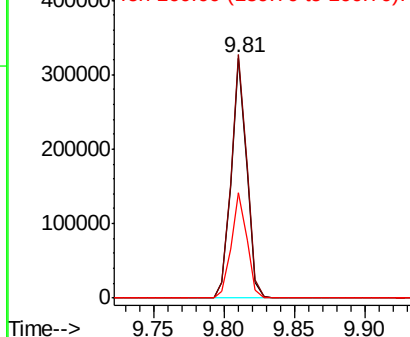
164 100

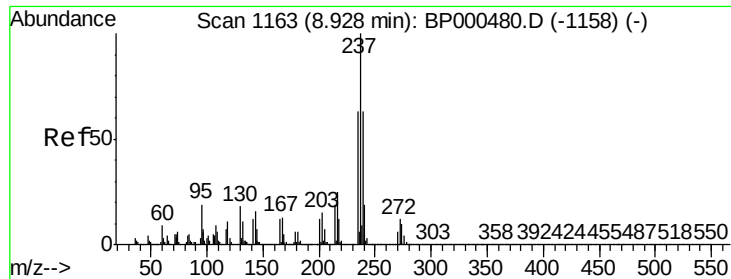
162 101.4 82.2 123.2

160 44.0 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

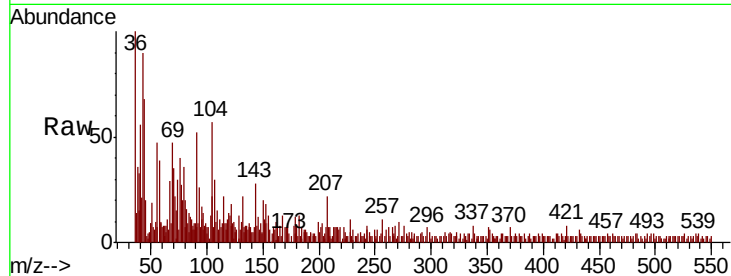




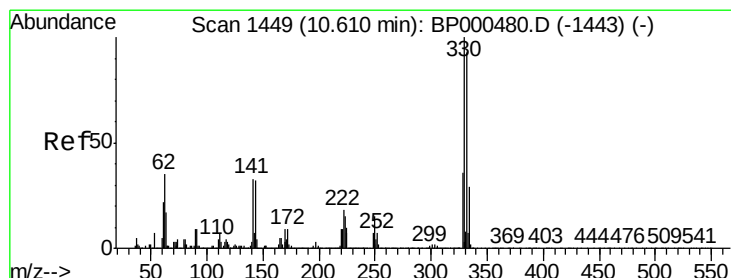
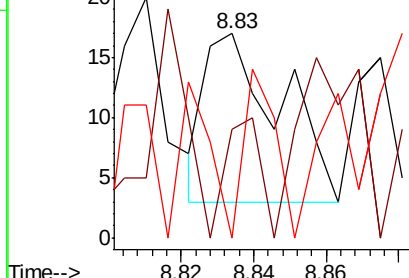
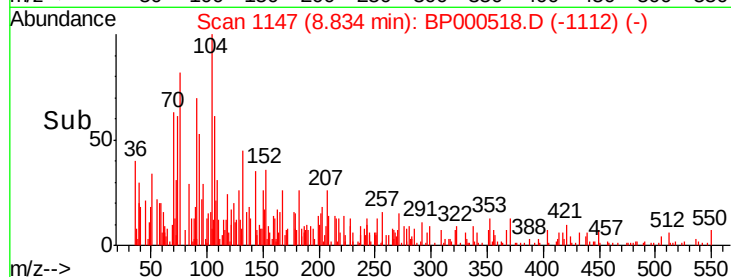
#41
Hexachlorocyclopentadiene
Concen: 7.303 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.09 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	52.9	42.9	82.9
272	0.0	0.0	32.4

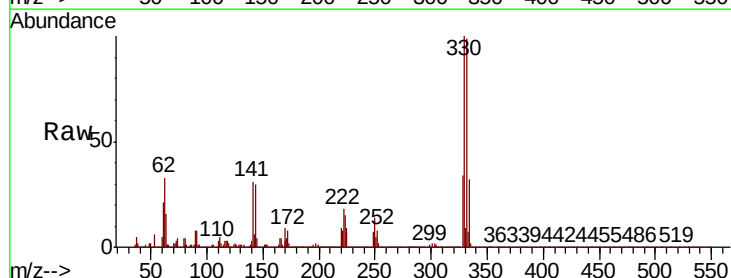


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

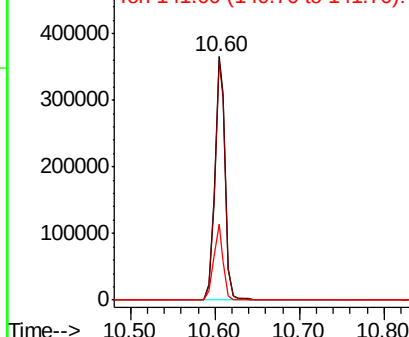
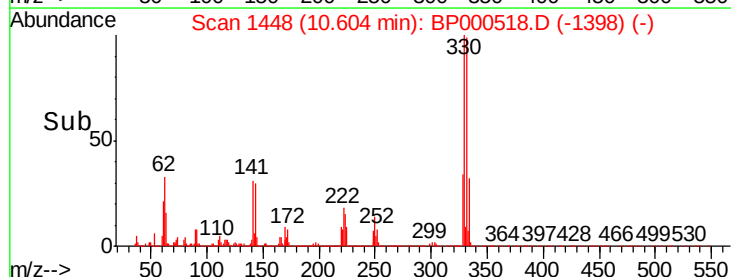


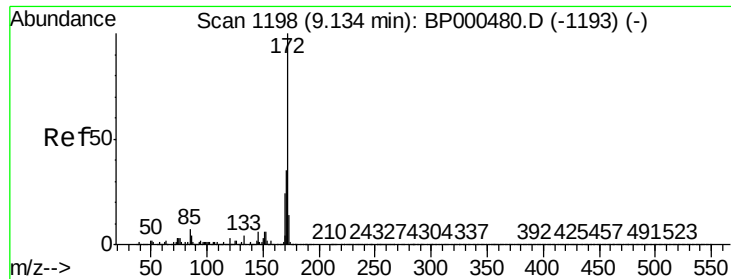
#42
2,4,6-Tribromophenol
Concen: 125.626 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.1	115.7
141	28.6	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

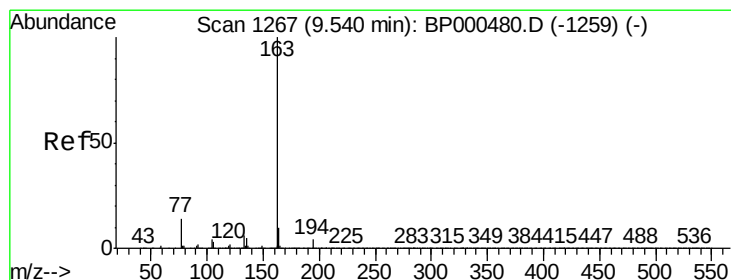
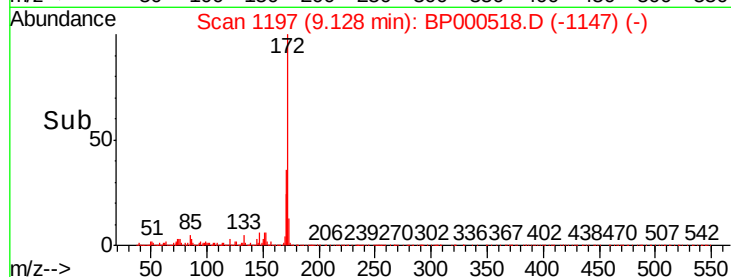
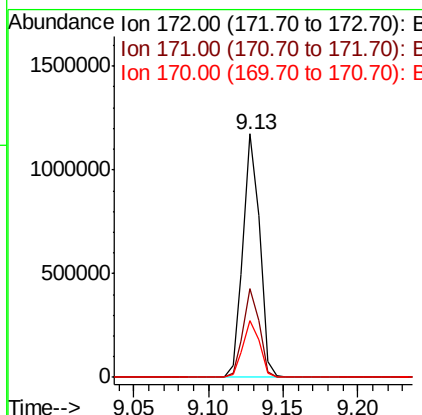
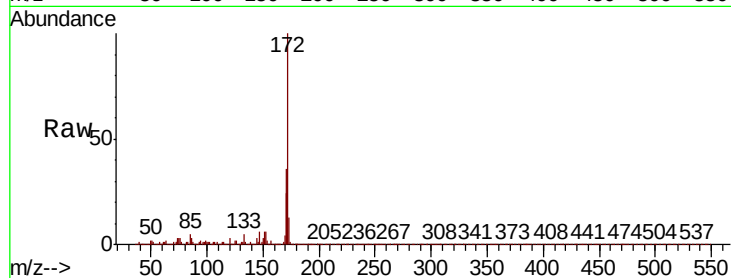




#45
2-Fluorobiphenyl
Concen: 60.945 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

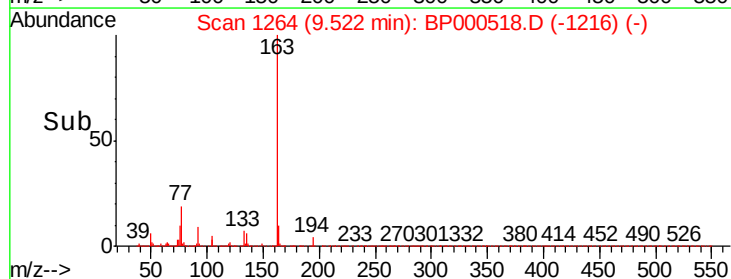
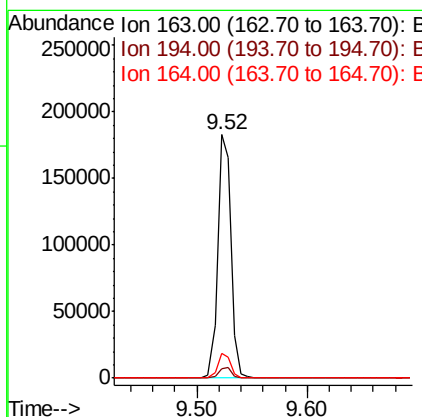
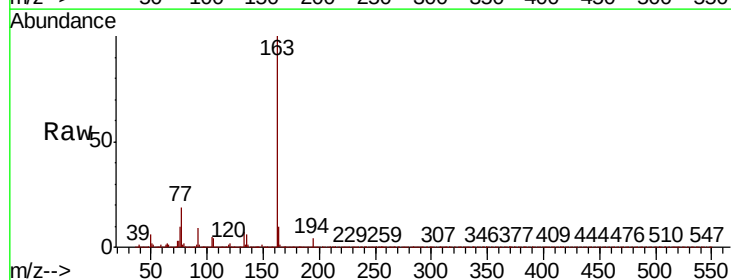
Instrument :
BNA_P
ClientSampleId :

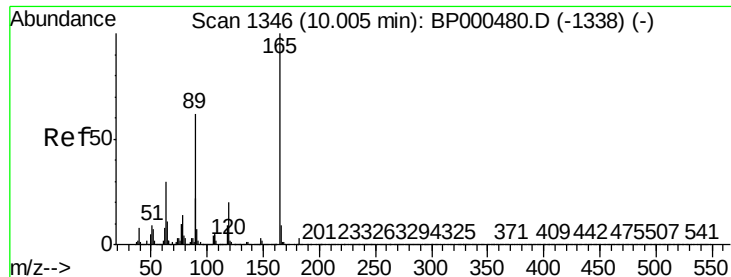
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.4	42.6
170	23.5	19.1	28.7



#50
Dimethylphthalate
Concen: 8.961 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.02 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.3	8.0	12.0

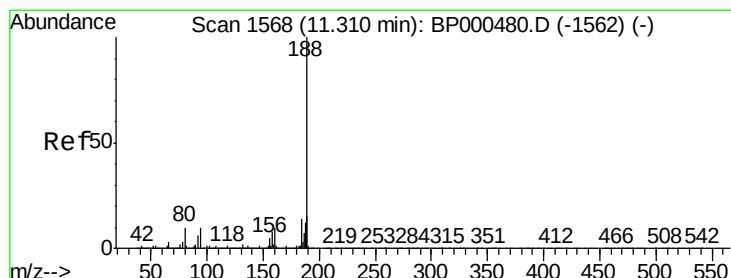
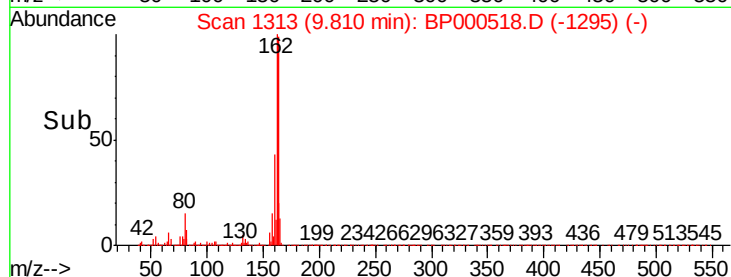
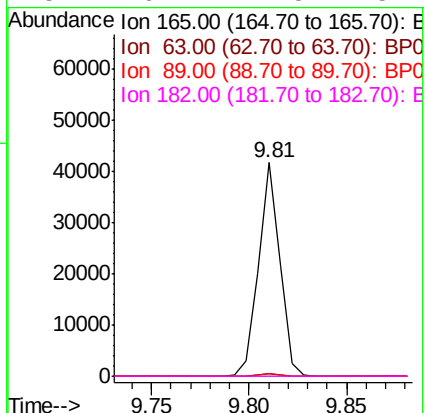
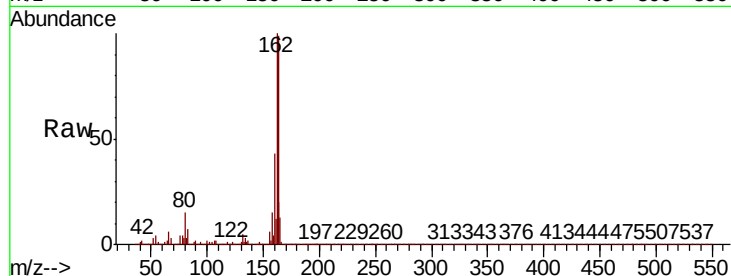




#57
2,4-Dinitrotoluene
Concen: 6.454 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.19 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

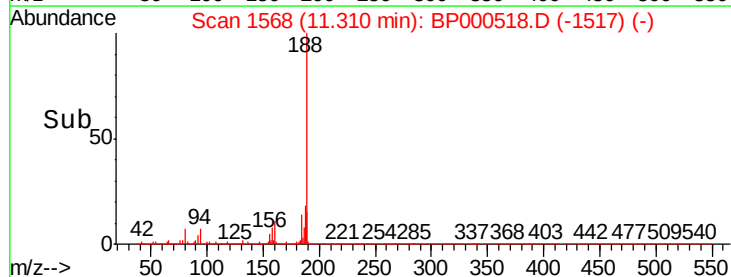
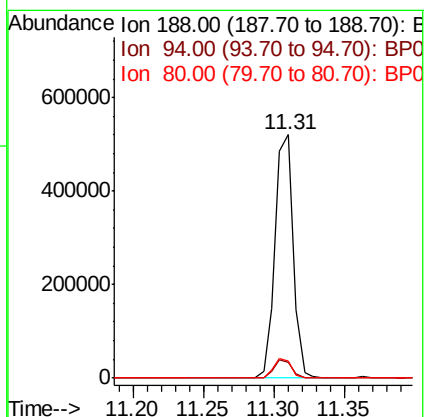
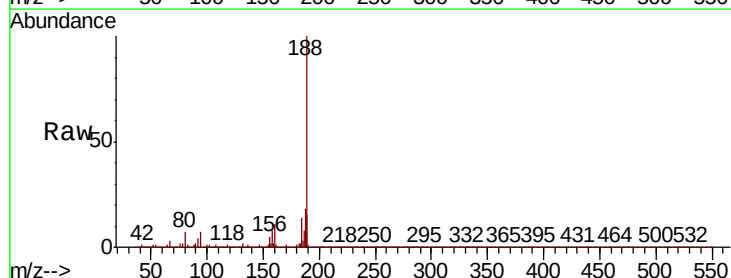
Instrument :
BNA_P
ClientSampleId :

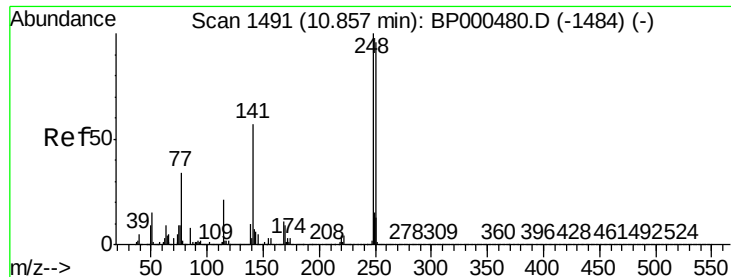
Tot Ion:165 Resp: 31574
Ion Ratio Lower Upper
165 100
63 1.0 24.2 36.4#
89 1.5 49.4 74.0#
182 0.1 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.00 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Tgt Ion:188 Resp: 471021
Ion Ratio Lower Upper
188 100
94 6.7 8.2 12.2#
80 6.9 8.3 12.5#

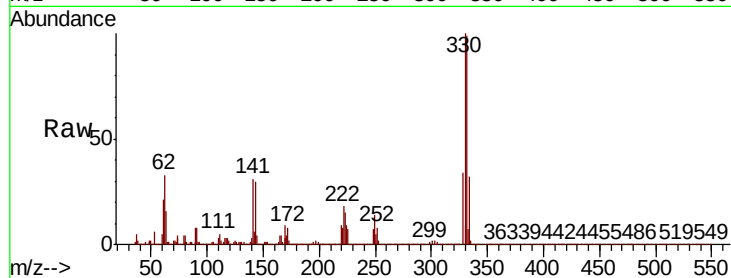




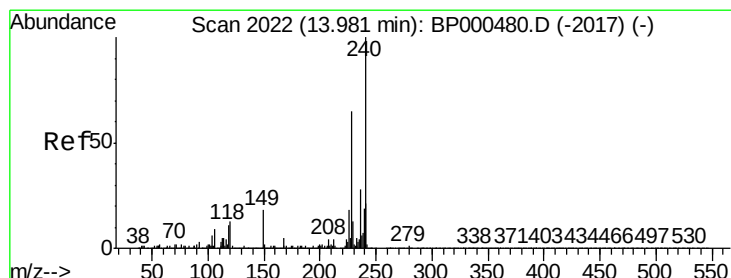
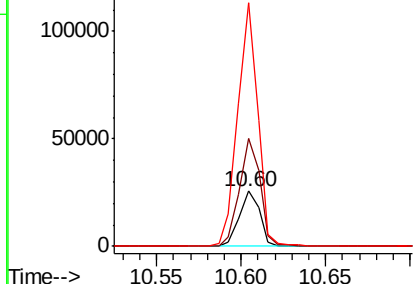
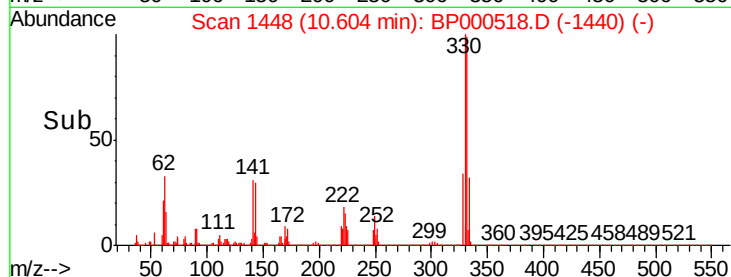
#67
4-Bromophenyl-phenylether
Concen: 4.130 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.25 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Instrument :
BNA_P
ClientSampleId :

Tot Ion:248 Resp: 21896
Ion Ratio Lower Upper
248 100
250 196.5 77.2 115.8#
141 443.3 45.3 67.9#

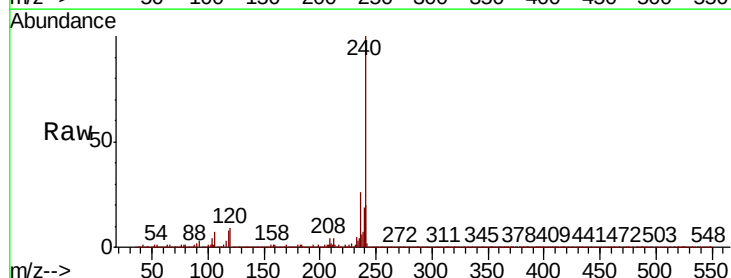


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

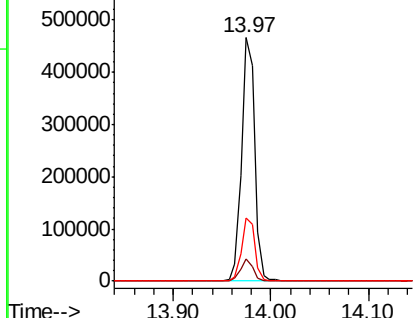
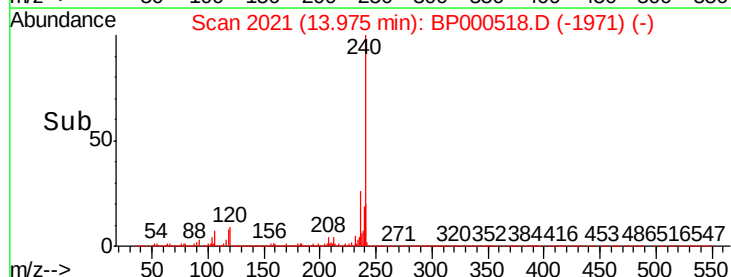


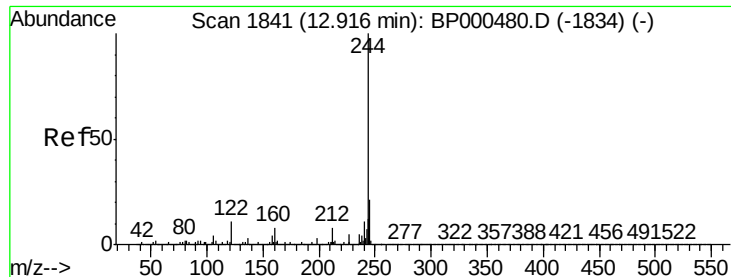
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BP000518.D
Acq: 04 Oct 2019 19:37

Tgt Ion:240 Resp: 435467
Ion Ratio Lower Upper
240 100
120 9.2 10.1 15.1#
236 25.8 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: 57.741 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BP000518.D

Acq: 04 Oct 2019 19:37

Instrument :

BNA_P

ClientSampleId :

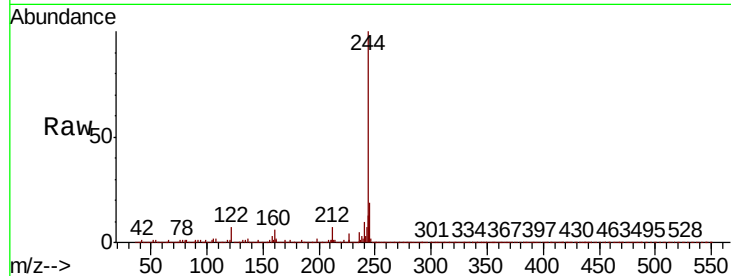
Tot Ion:244 Resp: 1241861

Ion Ratio Lower Upper

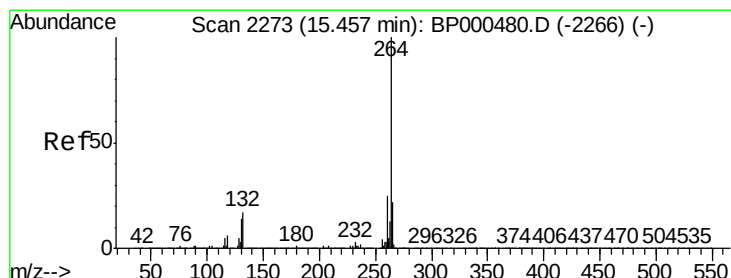
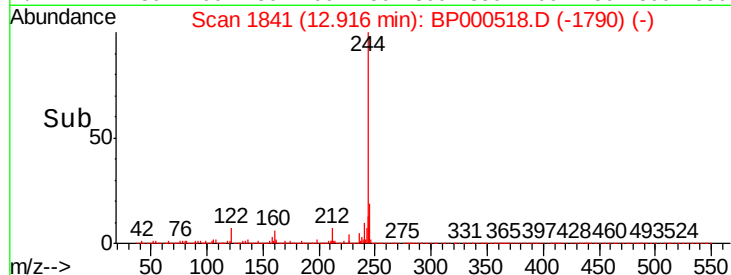
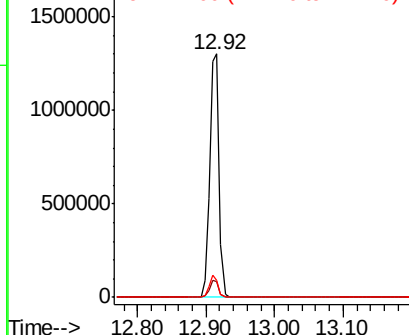
244 100

212 6.7 6.0 9.0

122 7.0 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: 15.46 min Scan# 2273

Delta R.T. -0.00 min

Lab File: BP000518.D

Acq: 04 Oct 2019 19:37

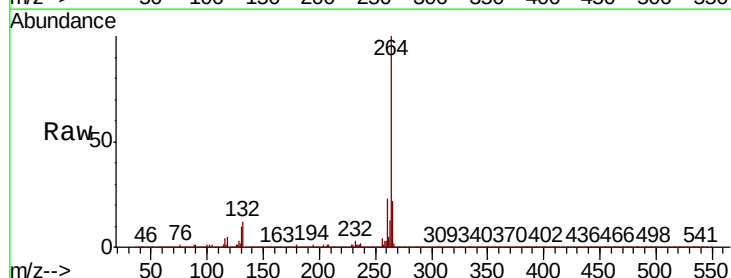
Tgt Ion:264 Resp: 498227

Ion Ratio Lower Upper

264 100

260 23.5 20.3 30.5

265 22.2 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

