

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005397.D
 Acq On : 23 Apr 2021 17:06
 Operator : CG/JU
 Sample : M2150-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EQUIP-BLANK

Quant Time: Apr 23 18:22:18 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 21 17:40:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

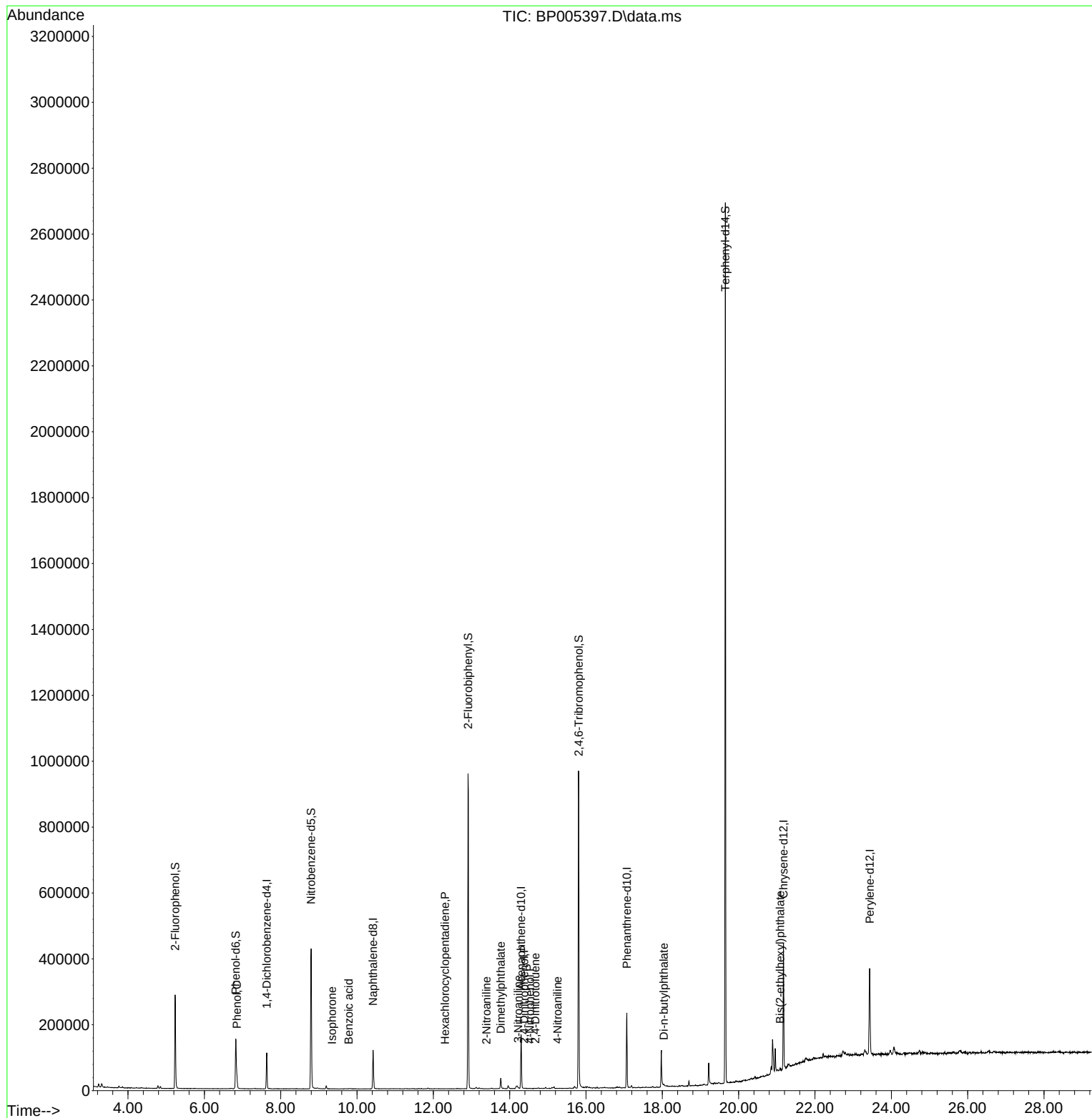
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	19491	20.00	ng	#-0.01
21) Naphthalene-d8	10.422	136	68661	20.00	ng	#-0.01
39) Acenaphthene-d10	14.298	164	46772	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	113181	20.00	ng	0.00
76) Chrysene-d12	21.175	240	162959	20.00	ng	0.00
86) Perylene-d12	23.433	264	178689	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	78937	70.35	ng	-0.01
7) Phenol-d6	6.822	99	60449	39.10	ng	-0.01
23) Nitrobenzene-d5	8.799	82	231170	146.44	ng	0.00
42) 2,4,6-Tribromophenol	15.810	330	130218	145.55	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	387951	107.37	ng	0.00
79) Terphenyl-d14	19.651	244	937863	106.65	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.852	94	15432	10.01	ng	# 52
25) Isophorone	9.346	82	101	2.98	ng	# 77
32) Benzoic acid	9.781	122	12	7.76	ng	# 1
41) Hexachlorocyclopentadiene	12.304	237	8	6.97	ng	75
48) 2-Nitroaniline	13.393	65	24	5.47	ng	98
50) Dimethylphthalate	13.769	163	15391	4.53	ng	# 98
53) 3-Nitroaniline	14.222	138	12	2.67	ng	# 49
54) 2,4-Dinitrophenol	14.381	184	5	7.53	ng	96
56) 4-Nitrophenol	14.534	139	18	5.33	ng	# 62
57) 2,4-Dinitrotoluene	14.675	165	46	3.15	ng	# 33
62) 4-Nitroaniline	15.251	138	7	3.83	ng	97
74) Di-n-butylphthalate	18.039	149	1841	4.24	ng	# 94
84) Bis(2-ethylhexyl)phtha...	21.086	149	1895	3.46	ng	# 83

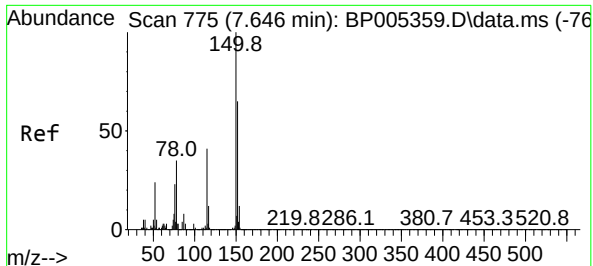
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
Data File : BP005397.D
Acq On : 23 Apr 2021 17:06
Operator : CG/JU
Sample : M2150-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

Quant Time: Apr 23 18:22:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 17:40:15 2021
Response via : Initial Calibration

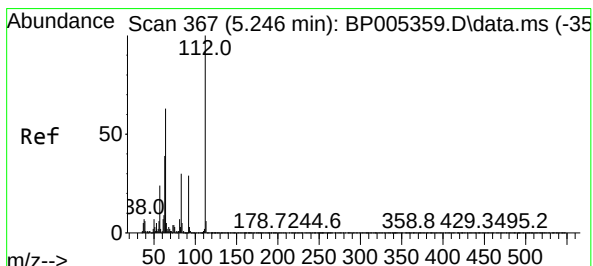
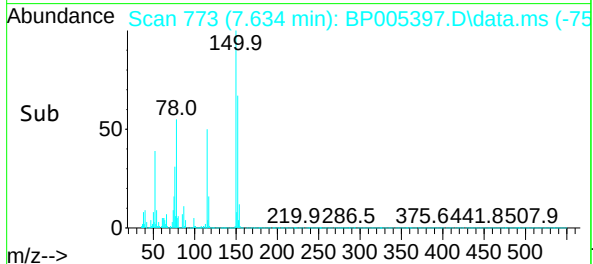
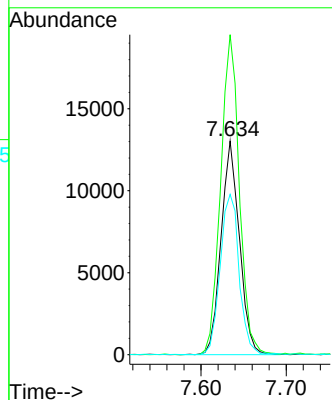
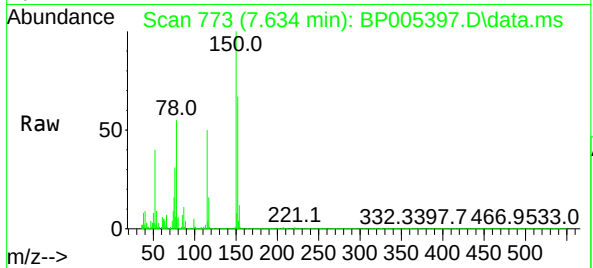




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

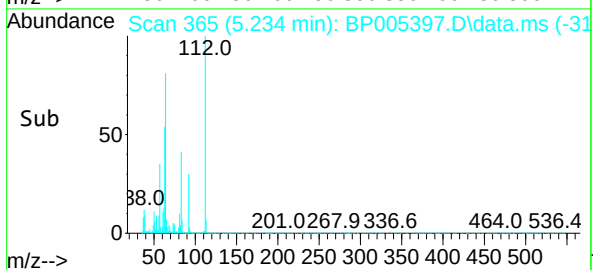
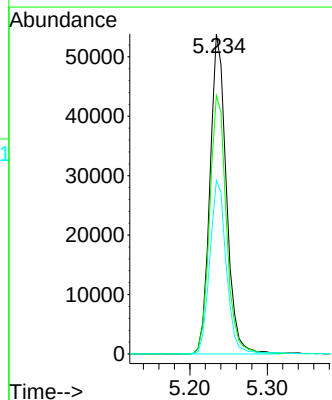
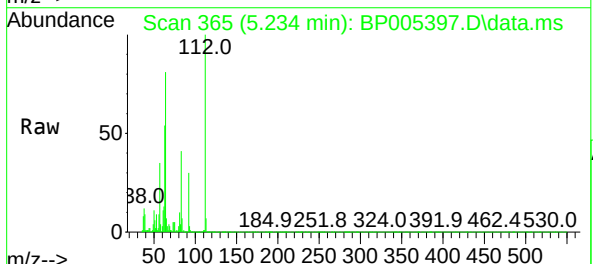
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

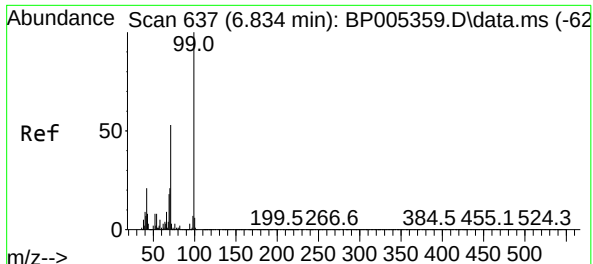
Tgt Ion:152 Resp: 19491
Ion Ratio Lower Upper
152 100
150 149.9 119.8 179.8
115 75.1 49.0 73.4#



#5
2-Fluorophenol
Concen: 70.35 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:112 Resp: 78937
Ion Ratio Lower Upper
112 100
64 80.7 33.6 50.4#
63 54.2 18.6 27.8#

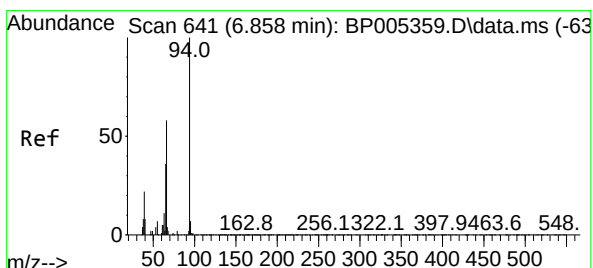
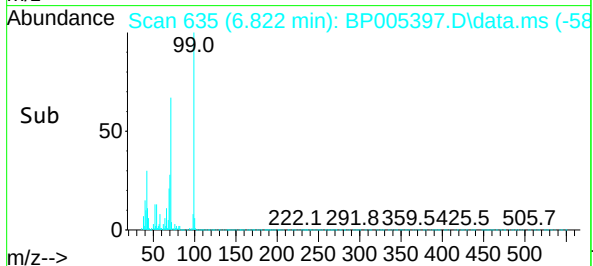
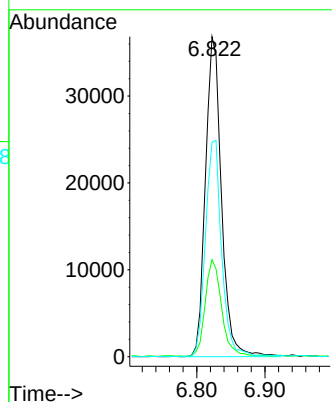
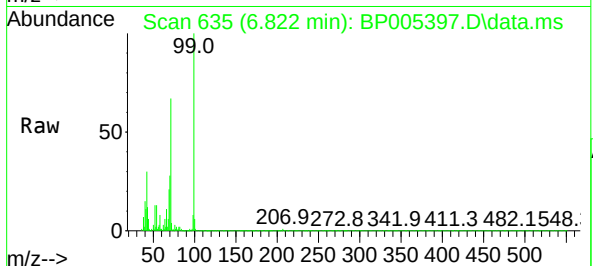




#7
Phenol-d6
Concen: 39.10 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

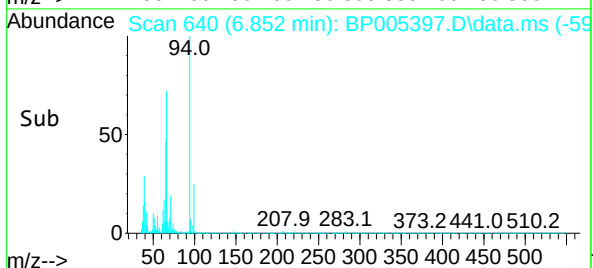
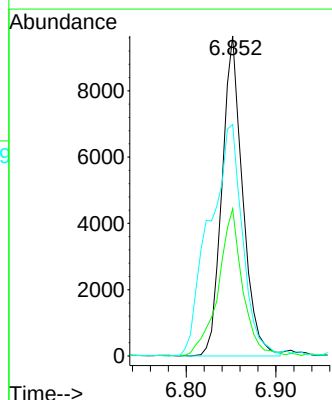
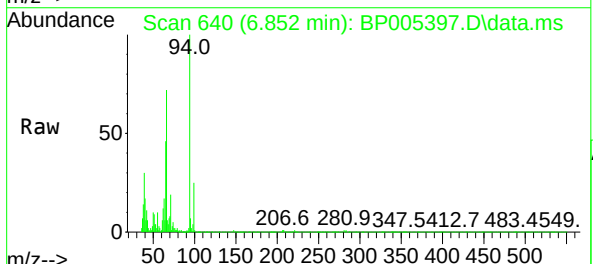
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

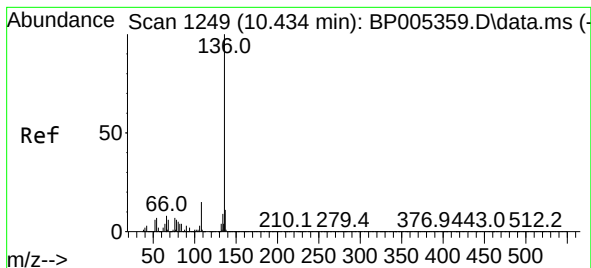
Tgt Ion: 99 Resp: 60449
Ion Ratio Lower Upper
99 100
42 30.3 12.9 19.3#
71 67.0 26.7 40.1#



#10
Phenol
Concen: 10.01 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.006 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion: 94 Resp: 15432
Ion Ratio Lower Upper
94 100
65 46.0 8.0 48.0
66 72.3 17.3 57.3#

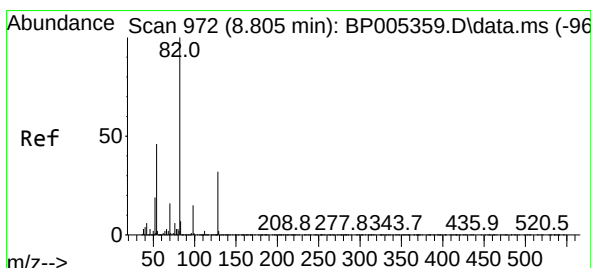
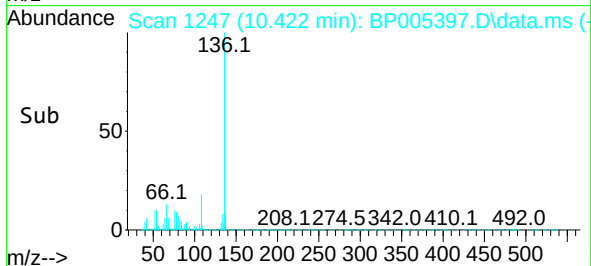
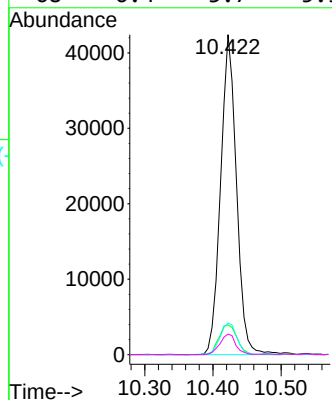
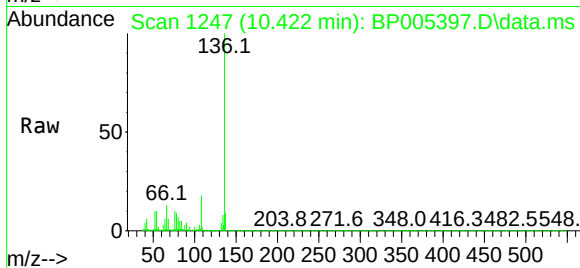




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

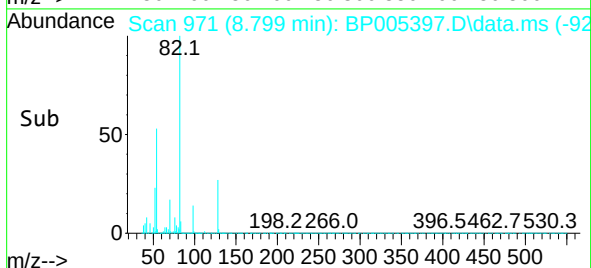
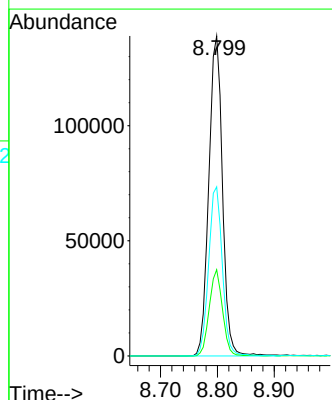
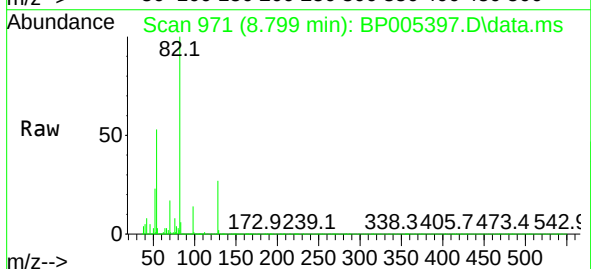
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

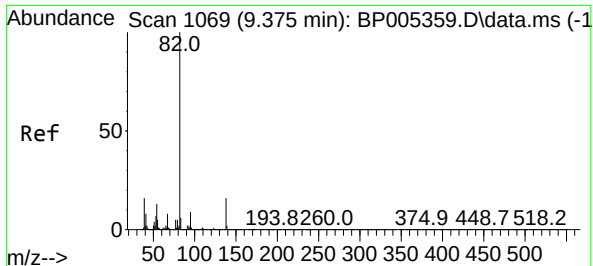
Tgt Ion:	136	Resp:	68661
Ion Ratio	Lower	Upper	
136	100		
137	9.3	8.9	13.3
54	9.9	5.0	7.4#
68	6.4	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 146.44 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:	82	Resp:	231170
Ion Ratio	Lower	Upper	
82	100		
128	27.0	30.5	45.7#
54	52.8	33.9	50.9#

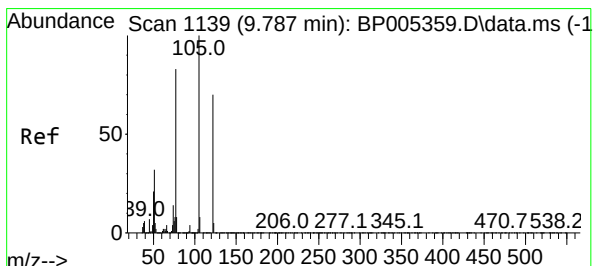
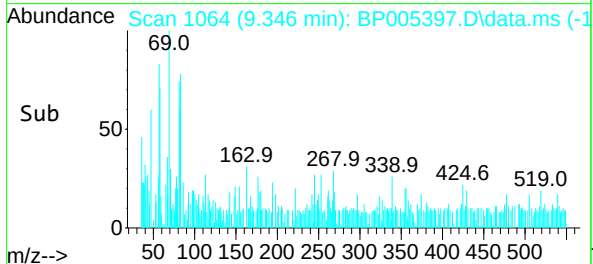
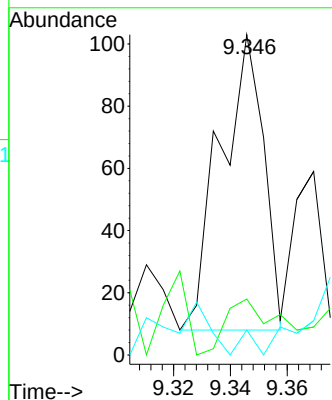
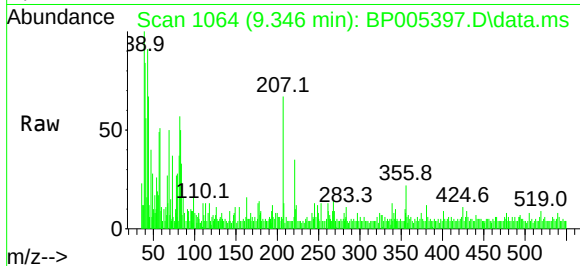




#25
Isophorone
Concen: 2.98 ng
RT: 9.346 min Scan# 1064
Delta R.T. -0.029 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

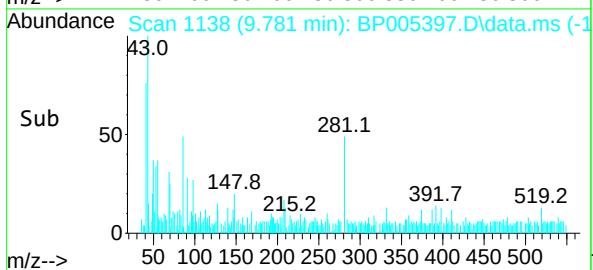
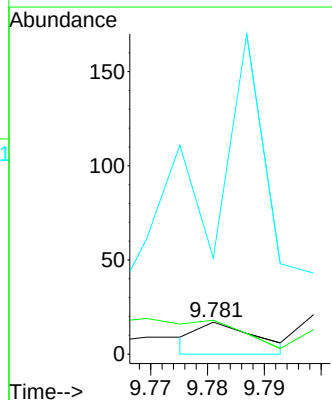
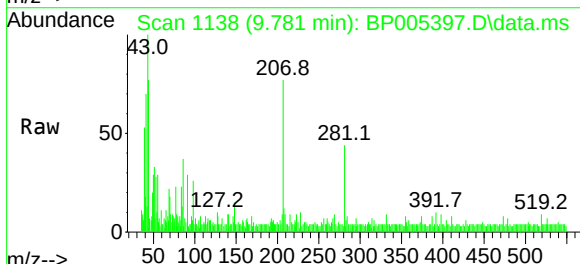
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

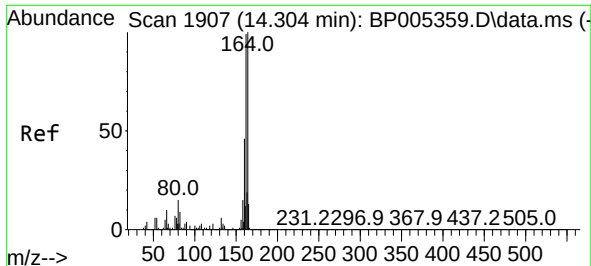
Tgt Ion:	82	Resp:	101
Ion	Ratio	Lower	Upper
82	100		
95	17.5	7.5	11.3#
138	7.8	14.6	22.0#



#32
Benzoic acid
Concen: 7.76 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:	122	Resp:	12
Ion	Ratio	Lower	Upper
122	100		
105	105.9	105.1	145.1
77	300.0	69.6	109.6#

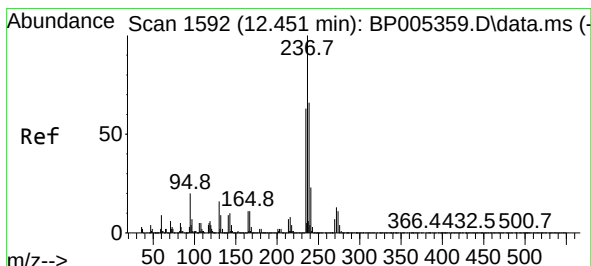
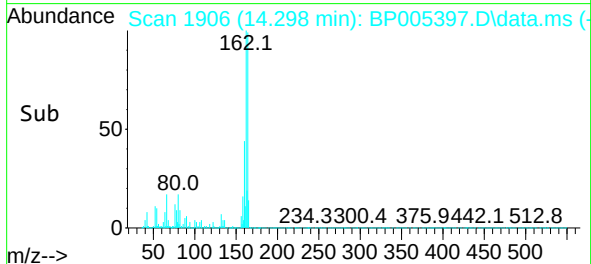
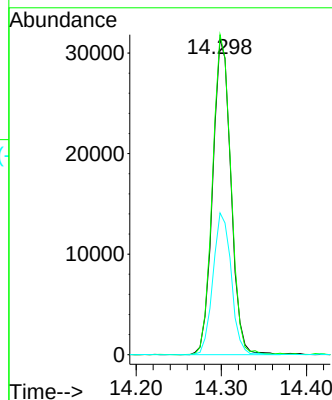
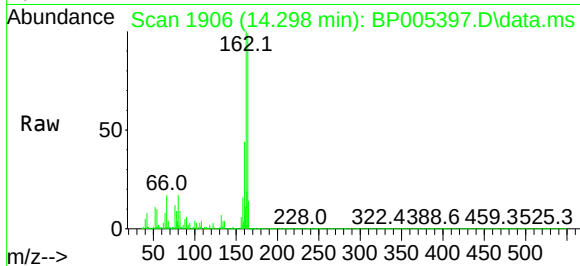




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

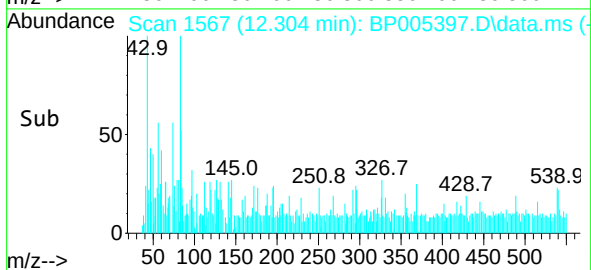
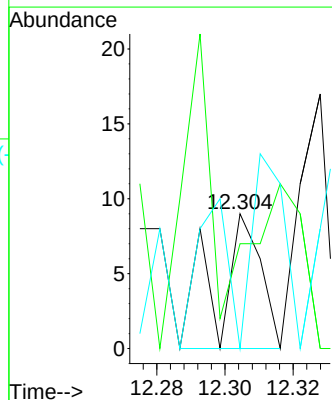
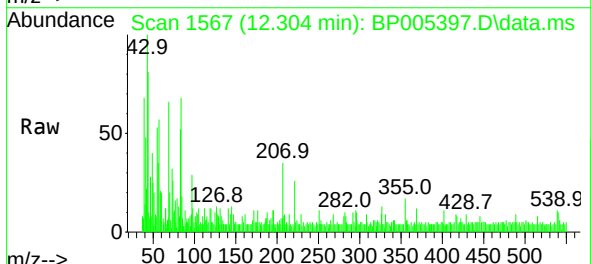
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

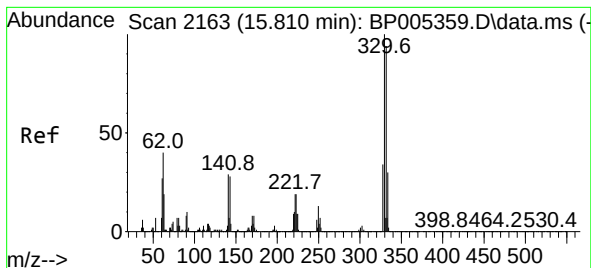
Tgt Ion:164 Resp: 46772
Ion Ratio Lower Upper
164 100
162 101.3 73.5 110.3
160 44.9 40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.304 min Scan# 1567
Delta R.T. -0.147 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:237 Resp: 8
Ion Ratio Lower Upper
237 100
235 77.8 40.9 80.9
272 0.0 0.0 34.6

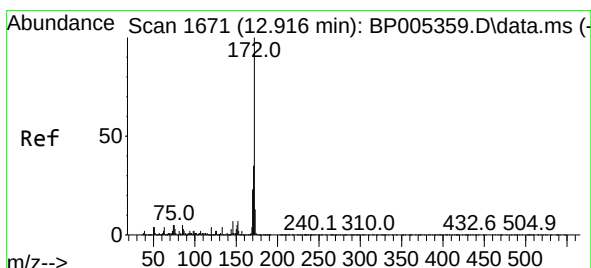
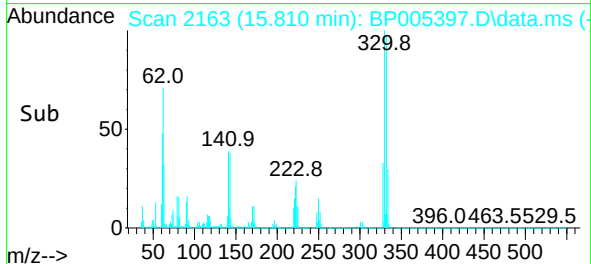
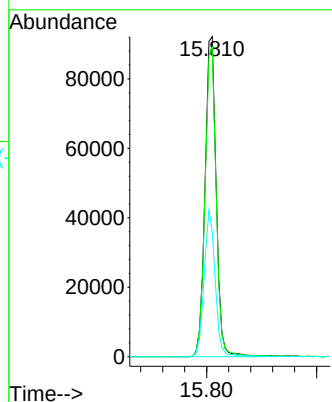
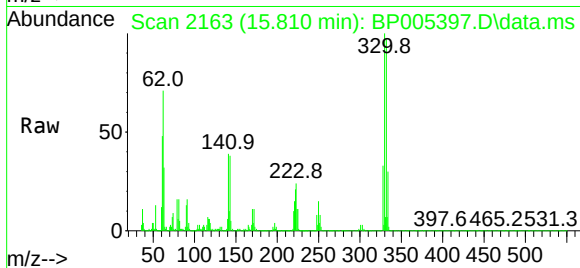




#42
2,4,6-Tribromophenol
Concen: 145.55 ng
RT: 15.810 min Scan# 2163
Delta R.T. -0.000 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

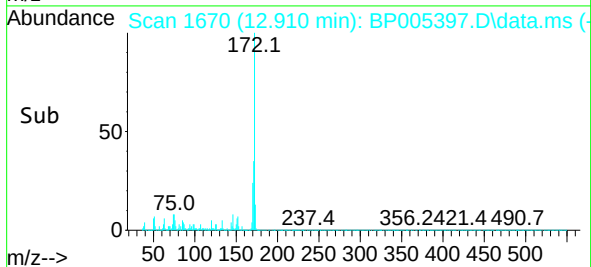
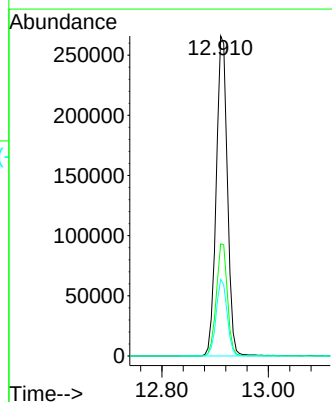
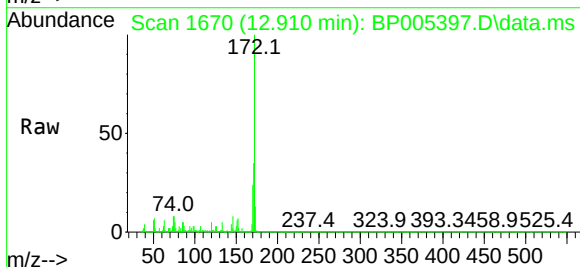
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

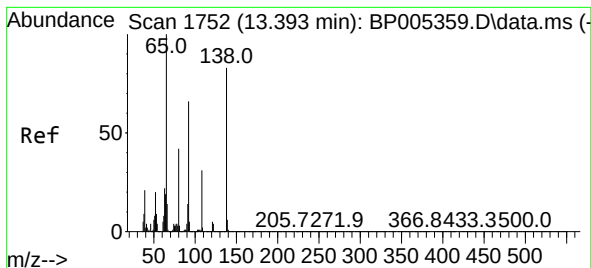
Tgt Ion:330 Resp: 130218
Ion Ratio Lower Upper
330 100
332 96.3 76.3 114.5
141 45.0 22.8 34.2#



#45
2-Fluorobiphenyl
Concen: 107.37 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:172 Resp: 387951
Ion Ratio Lower Upper
172 100
171 35.0 28.1 42.1
170 23.9 19.6 29.4

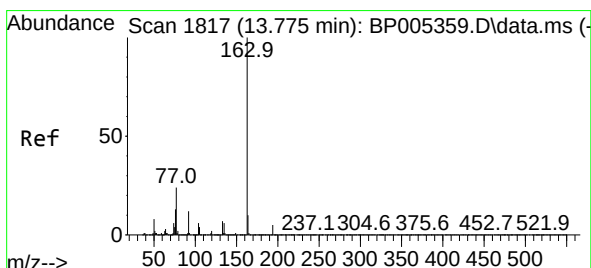
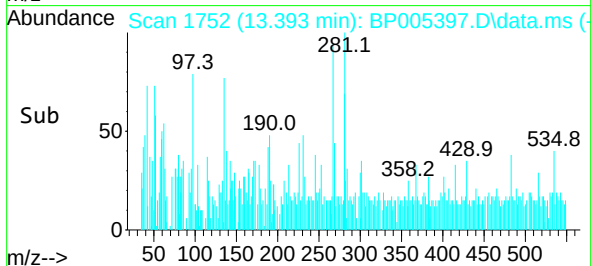
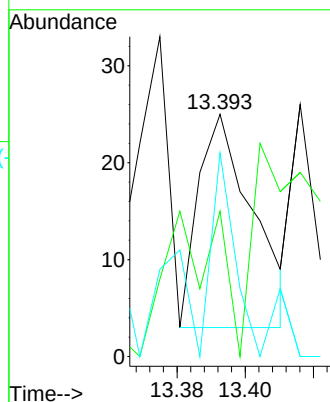
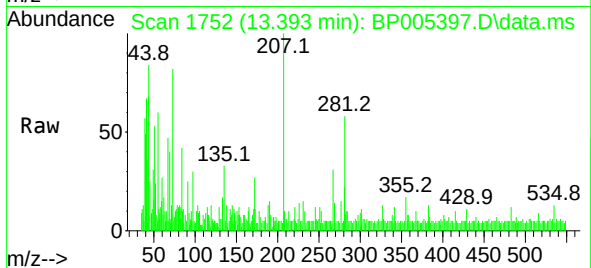




#48
2-Nitroaniline
Concen: 5.47 ng
RT: 13.393 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

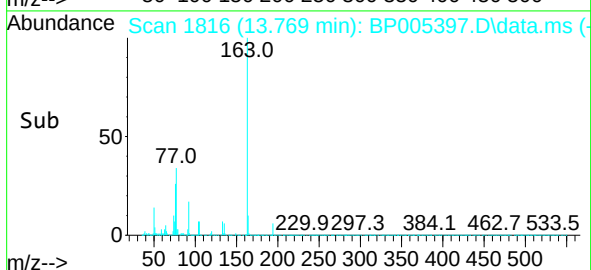
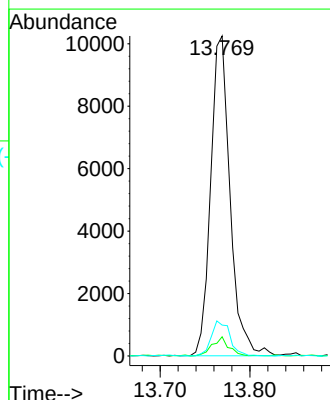
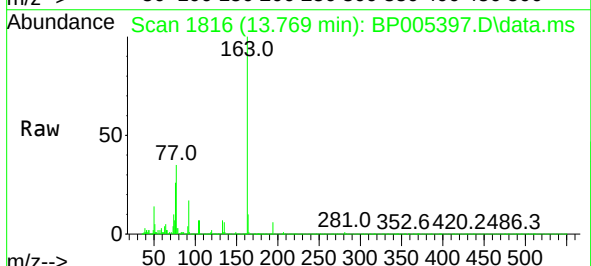
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

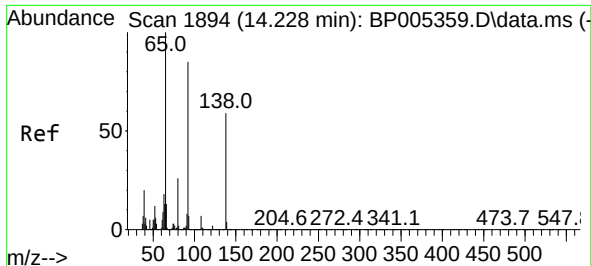
Tgt Ion:	65	Resp:	24
Ion	Ratio	Lower	Upper
65	100		
92	60.0	48.8	73.2
138	84.0	69.5	104.3



#50
Dimethylphthalate
Concen: 4.53 ng
RT: 13.769 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:	163	Resp:	15391
Ion	Ratio	Lower	Upper
163	100		
194	6.0	3.9	5.9#
164	9.7	8.1	12.1

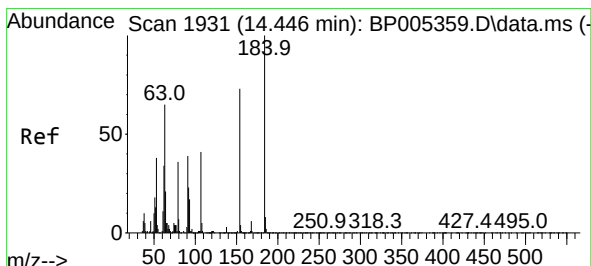
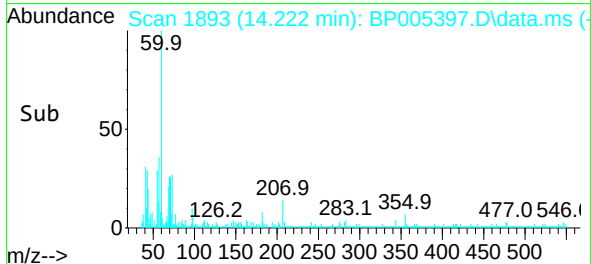
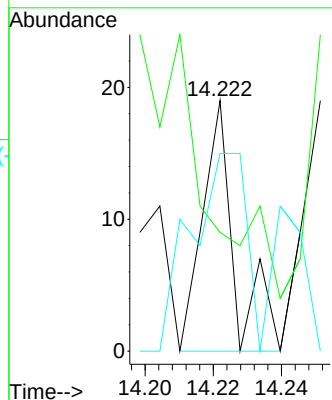
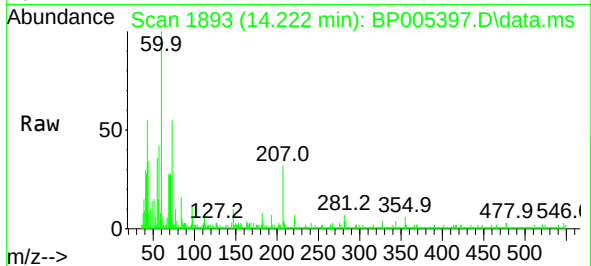




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.006 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

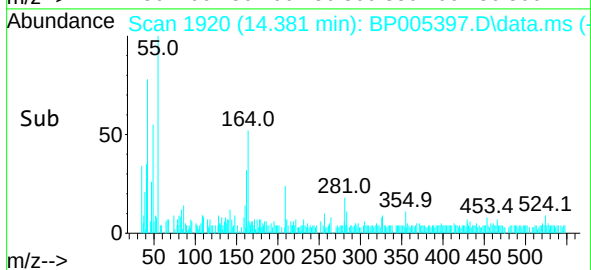
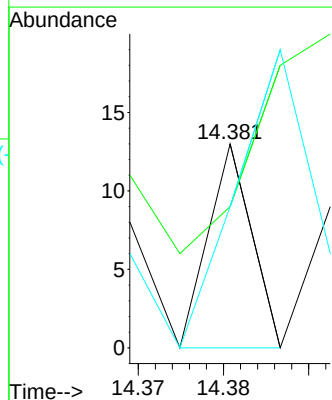
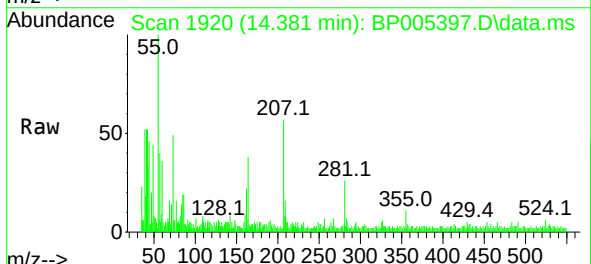
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

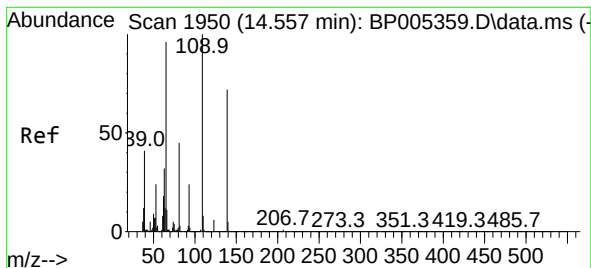
Tgt Ion:138 Resp: 12
Ion Ratio Lower Upper
138 100
108 47.4 10.2 15.4#
92 78.9 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.53 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.065 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:184 Resp: 5
Ion Ratio Lower Upper
184 100
63 69.2 51.2 76.8
154 69.2 55.8 83.8

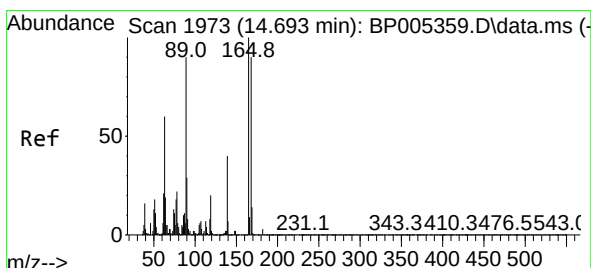
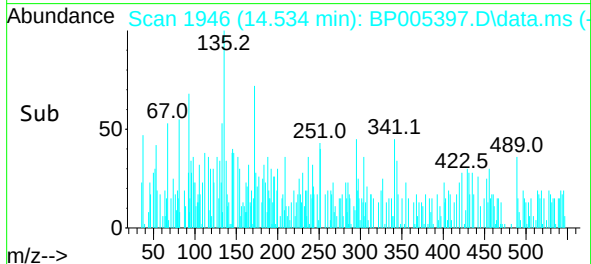
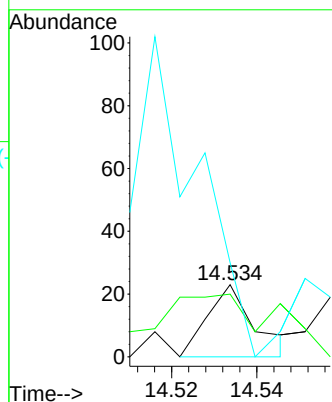
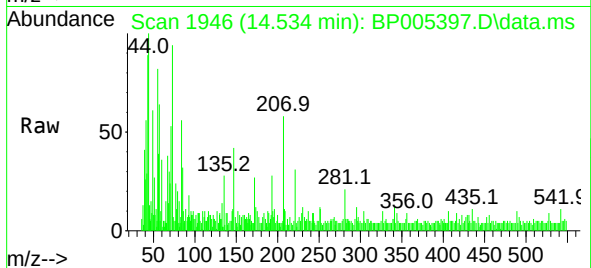




#56
4-Nitrophenol
Concen: 5.33 ng
RT: 14.534 min Scan# 1946
Delta R.T. -0.023 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

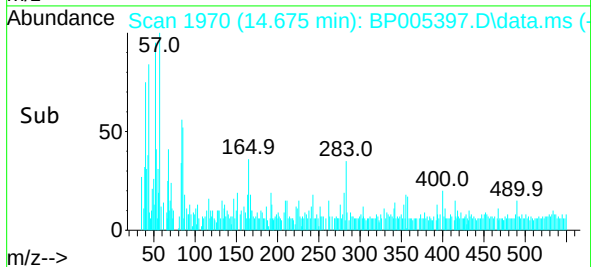
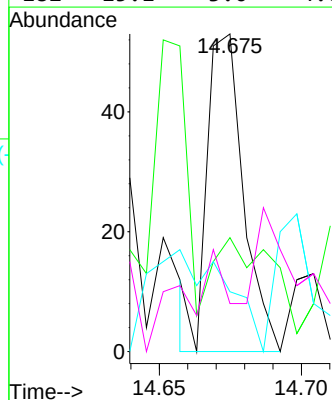
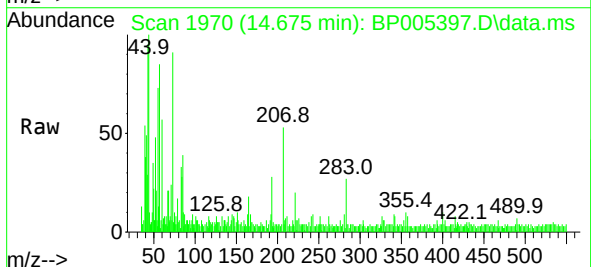
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

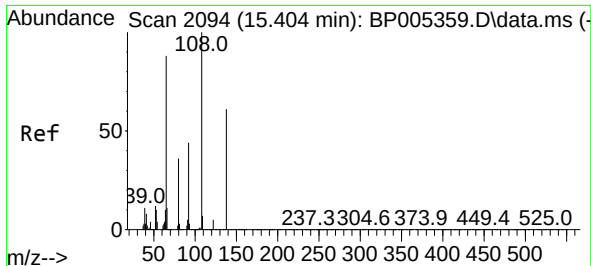
Tgt Ion:139 Resp: 18
Ion Ratio Lower Upper
139 100
109 87.0 122.8 162.8#
65 165.2 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 3.15 ng
RT: 14.675 min Scan# 1970
Delta R.T. -0.018 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:165 Resp: 46
Ion Ratio Lower Upper
165 100
63 35.8 56.7 85.1#
89 18.9 85.8 128.6#
182 15.1 3.0 4.6#

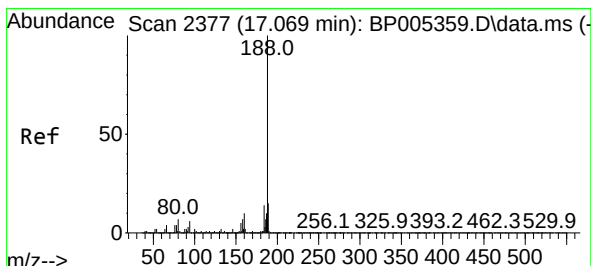
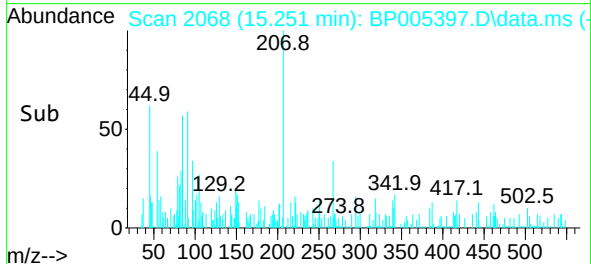
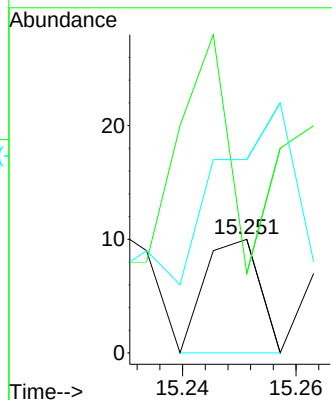
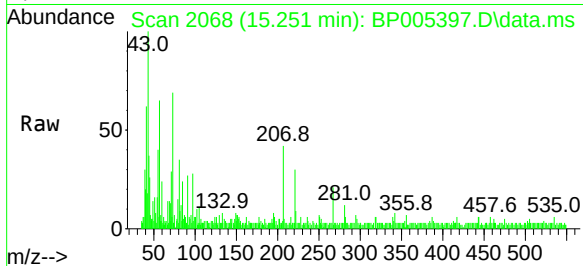




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.251 min Scan# 2068
Delta R.T. -0.153 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

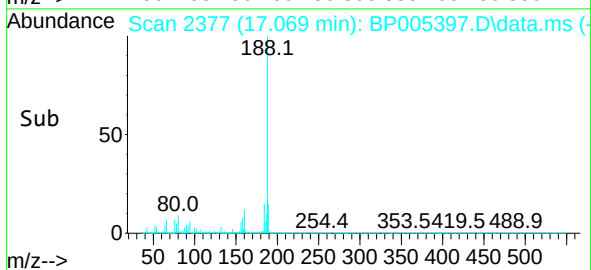
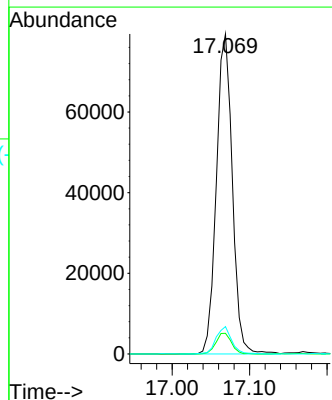
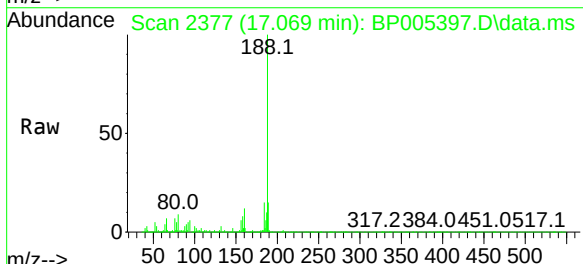
Instrument :
BNA_P
ClientSampleId :
EQUIP-BLANK

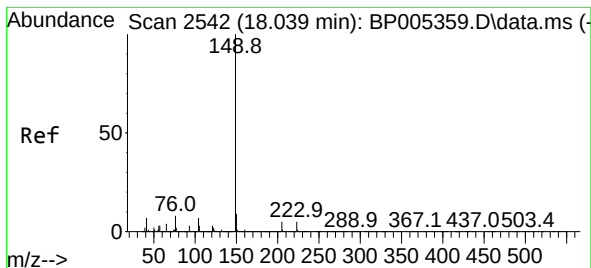
Tgt Ion:138 Resp: 7
Ion Ratio Lower Upper
138 100
92 70.0 50.9 90.9
108 170.0 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005397.D
Acq: 23 Apr 2021 17:06

Tgt Ion:188 Resp: 113181
Ion Ratio Lower Upper
188 100
94 6.4 5.0 7.6
80 8.5 5.9 8.9





#74

Di-n-butylphthalate

Concen: 4.24 ng

RT: 18.039 min Scan# 2542

Delta R.T. 0.000 min

Lab File: BP005397.D

Acq: 23 Apr 2021 17:06

Instrument :

BNA_P

ClientSampleId :

EQUIP-BLANK

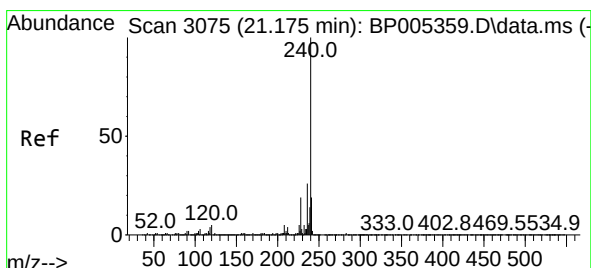
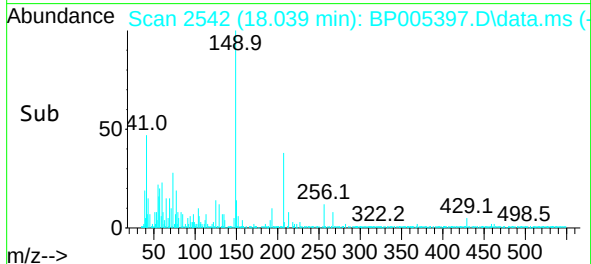
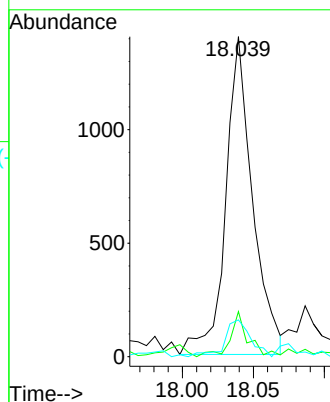
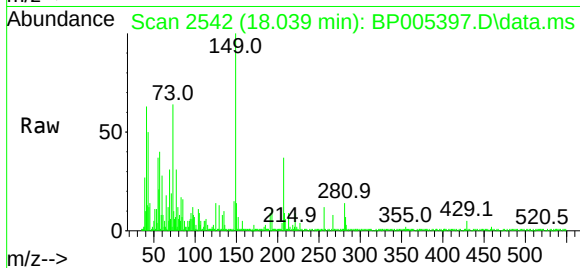
Tgt Ion:149 Resp: 1841

Ion Ratio Lower Upper

149 100

150 14.1 7.6 11.4#

104 11.5 8.9 13.3



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.175 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BP005397.D

Acq: 23 Apr 2021 17:06

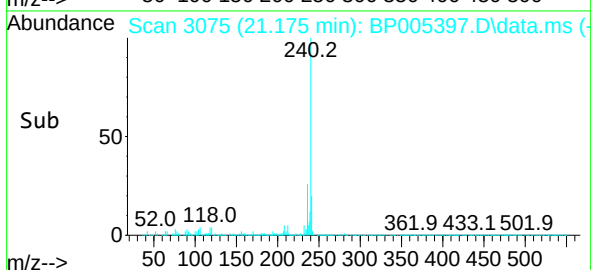
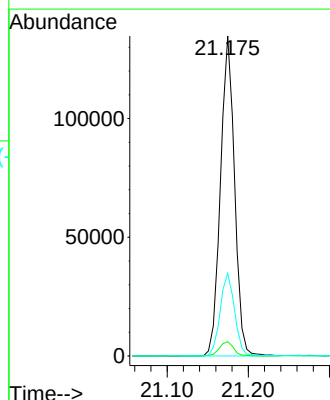
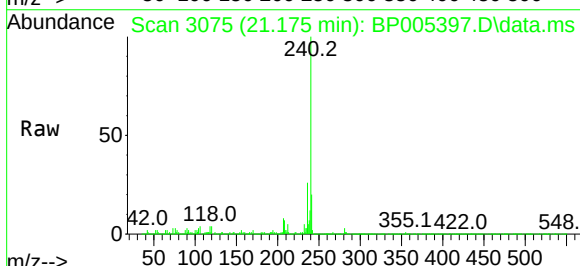
Tgt Ion:240 Resp: 162959

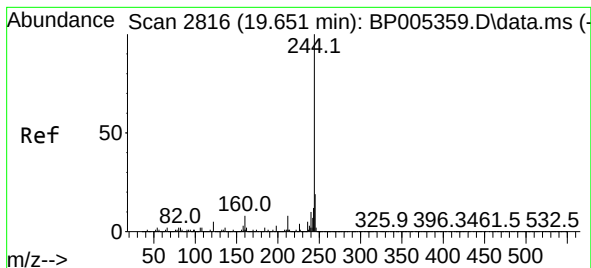
Ion Ratio Lower Upper

240 100

120 4.4 4.2 6.2

236 25.8 20.2 30.2





#79

Terphenyl-d14

Concen: 106.65 ng

RT: 19.651 min Scan# 2816

Delta R.T. -0.000 min

Lab File: BP005397.D

Acq: 23 Apr 2021 17:06

Instrument :

BNA_P

ClientSampleId :

EQUIP-BLANK

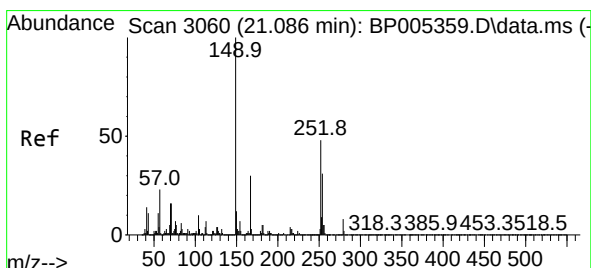
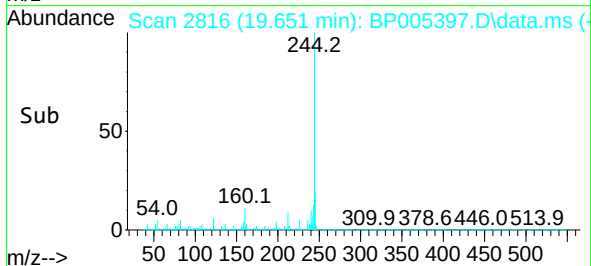
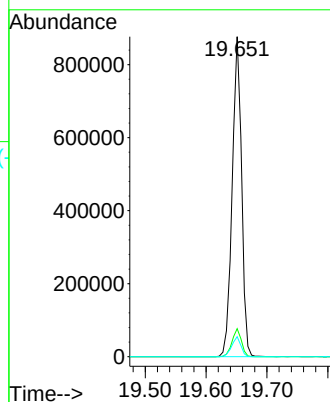
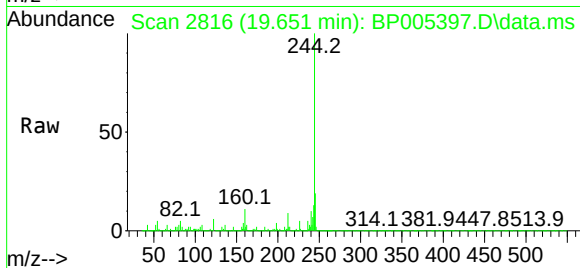
Tgt Ion:244 Resp: 937863

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.6#

122 6.3 5.2 7.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.46 ng

RT: 21.086 min Scan# 3060

Delta R.T. 0.000 min

Lab File: BP005397.D

Acq: 23 Apr 2021 17:06

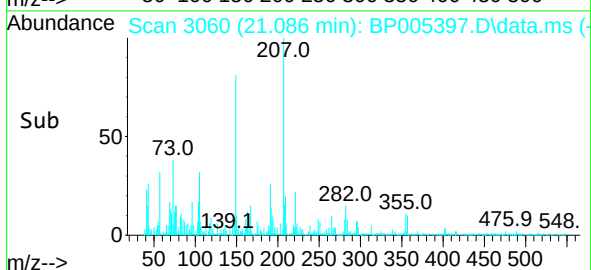
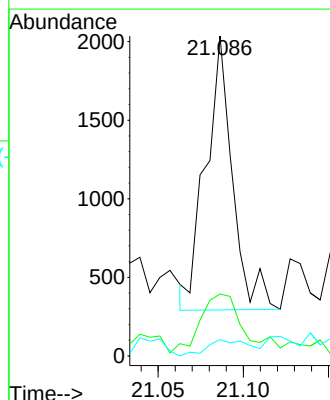
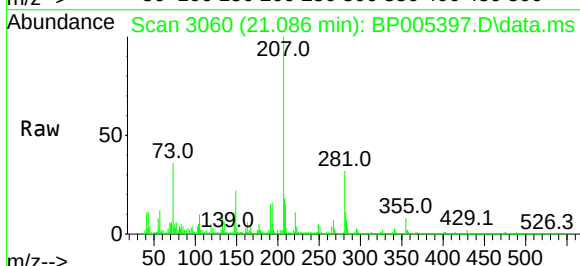
Tgt Ion:149 Resp: 1895

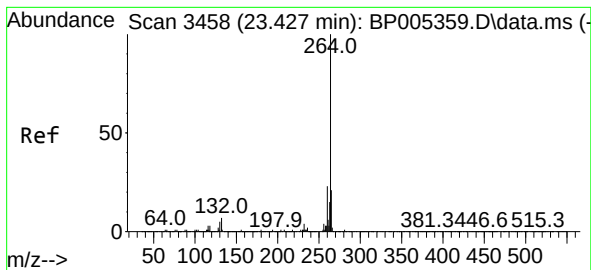
Ion Ratio Lower Upper

149 100

167 19.4 23.8 35.8#

279 5.1 5.7 8.5#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.433 min Scan# 3459
 Delta R.T. 0.006 min
 Lab File: BP005397.D
 Acq: 23 Apr 2021 17:06

Instrument :
 BNA_P
 ClientSampleId :
 EQUIP-BLANK

Tgt Ion:264 Resp: 178689
 Ion Ratio Lower Upper
 264 100
 260 25.7 20.6 30.8
 265 22.0 19.0 28.6

