

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
 Data File : BP005401.D
 Acq On : 23 Apr 2021 19:22
 Operator : CG/JU
 Sample : M2128-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

Quant Time: Apr 23 23:38:12 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)

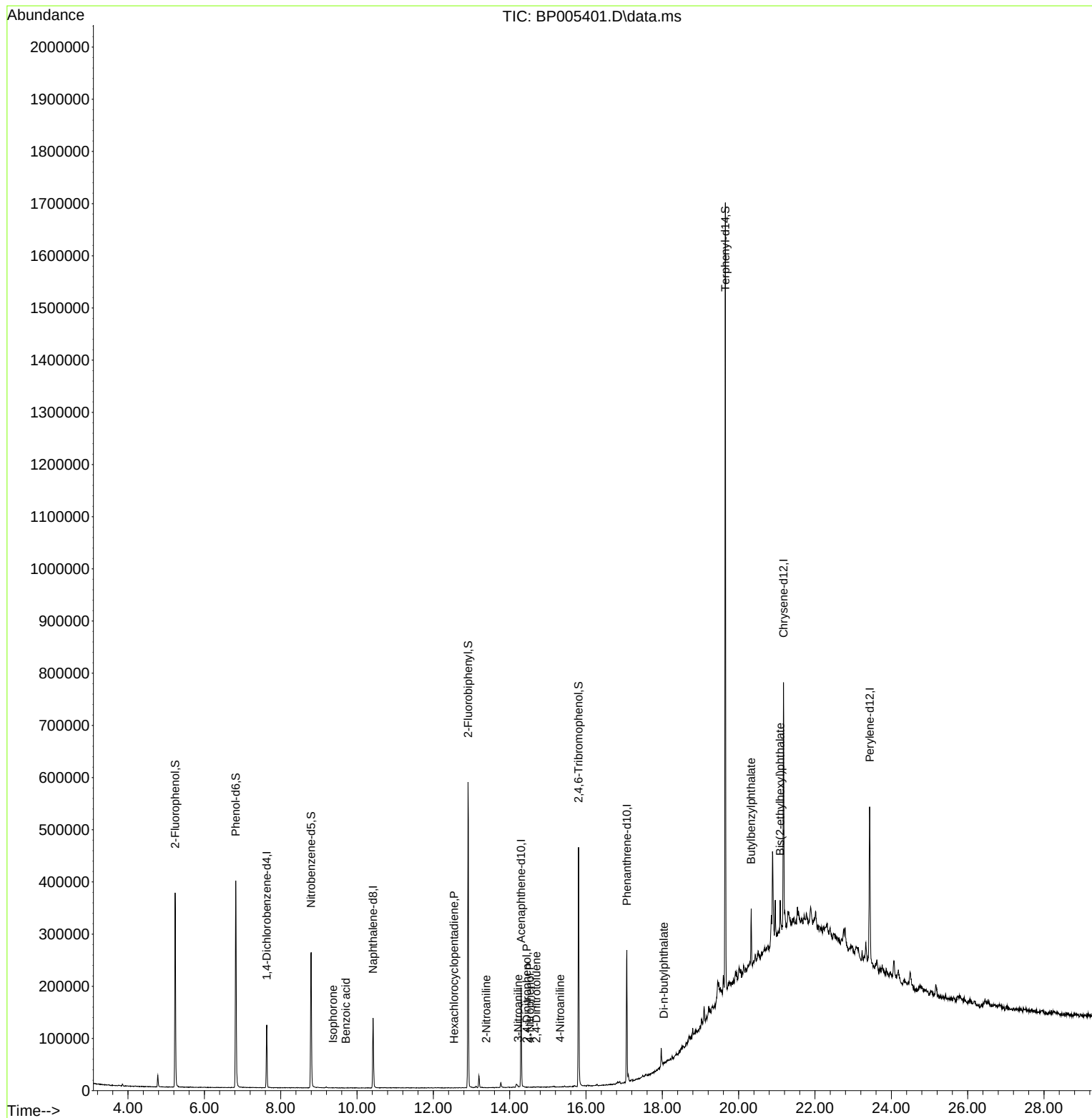
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.634	152	21997	20.00	ng	#-0.01
21) Naphthalene-d8	10.422	136	79206	20.00	ng	#-0.01
39) Acenaphthene-d10	14.298	164	52100	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	129280	20.00	ng	0.00
76) Chrysene-d12	21.175	240	192267	20.00	ng	0.00
86) Perylene-d12	23.433	264	204791	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	106228	83.89	ng	-0.01
7) Phenol-d6	6.822	99	153413	87.93	ng	-0.01
23) Nitrobenzene-d5	8.799	82	145461	79.88	ng	0.00
42) 2,4,6-Tribromophenol	15.804	330	61515	61.73	ng	0.00
45) 2-Fluorobiphenyl	12.910	172	228158	56.69	ng	0.00
79) Terphenyl-d14	19.651	244	547439	52.76	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.369	82	92	2.98	ng	# 62
32) Benzoic acid	9.705	122	16	7.76	ng	88
41) Hexachlorocyclopentadiene	12.546	237	10	6.97	ng	85
48) 2-Nitroaniline	13.387	65	30	5.47	ng	# 41
53) 3-Nitroaniline	14.228	138	13	2.67	ng	# 21
54) 2,4-Dinitrophenol	14.451	184	17	7.54	ng	# 24
56) 4-Nitrophenol	14.528	139	11	5.31	ng	# 12
57) 2,4-Dinitrotoluene	14.698	165	25	3.13	ng	# 1
62) 4-Nitroaniline	15.322	138	10	3.83	ng	93
74) Di-n-butylphthalate	18.039	149	1404	4.15	ng	# 93
80) Butylbenzylphthalate	20.328	149	21092	8.61	ng	# 62
84) Bis(2-ethylhexyl)phtha...	21.086	149	13189	5.84	ng	97

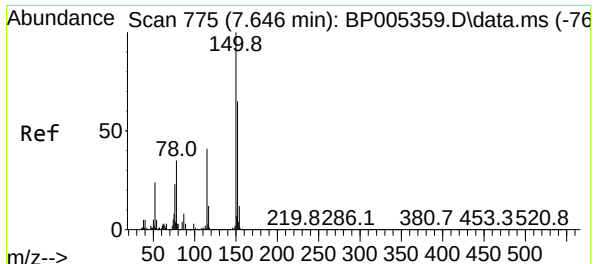
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
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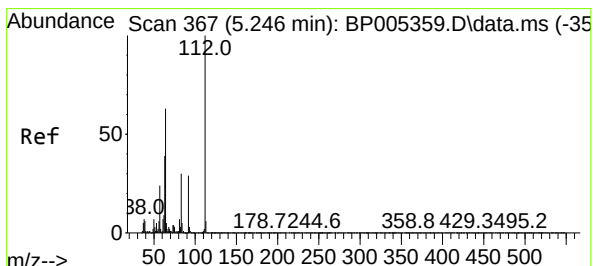
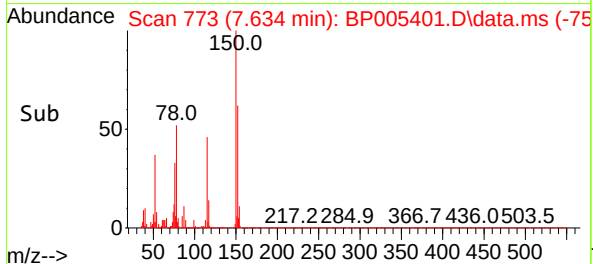
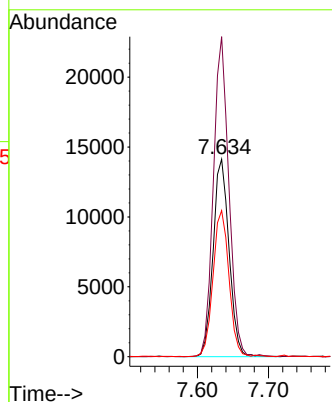
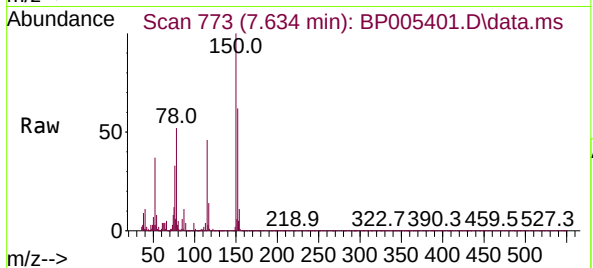




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.634 min Scan# 773
Delta R.T. -0.012 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

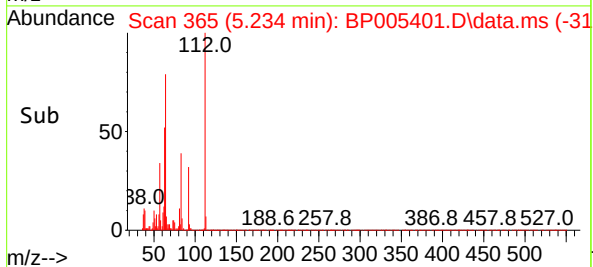
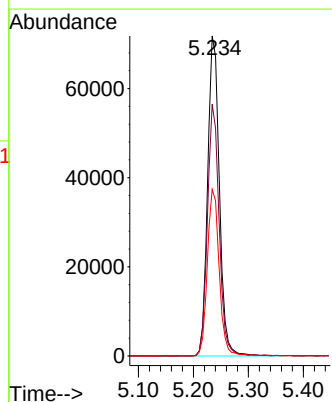
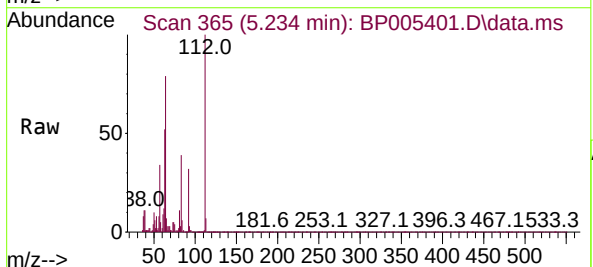
Instrument :
BNA_P
ClientSampleId :
COMP-1

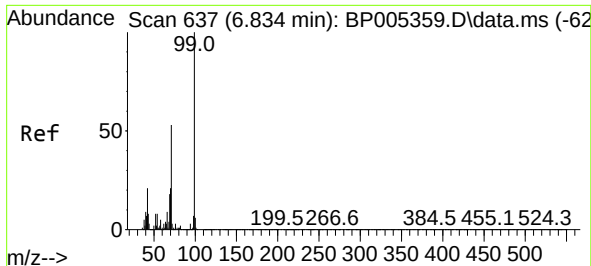
Tgt Ion:152 Resp: 21997
Ion Ratio Lower Upper
152 100
150 162.1 119.8 179.8
115 74.0 49.0 73.4#



#5
2-Fluorophenol
Concen: 83.89 ng
RT: 5.234 min Scan# 365
Delta R.T. -0.012 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion:112 Resp: 106228
Ion Ratio Lower Upper
112 100
64 78.7 33.6 50.4#
63 52.0 18.6 27.8#

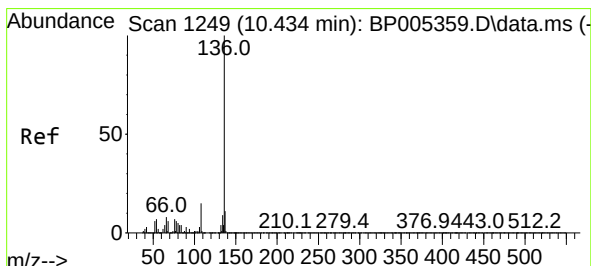
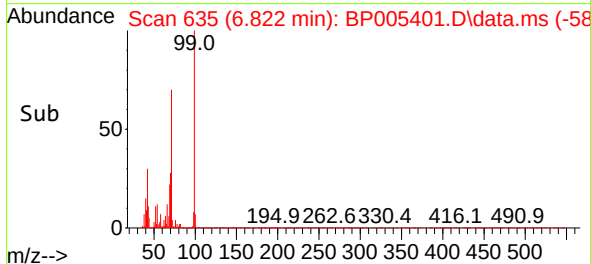
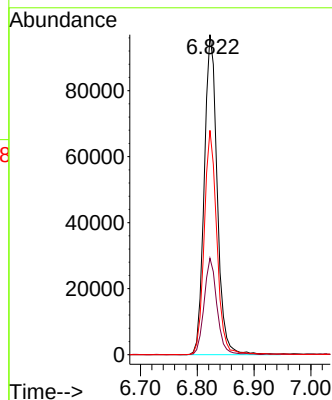
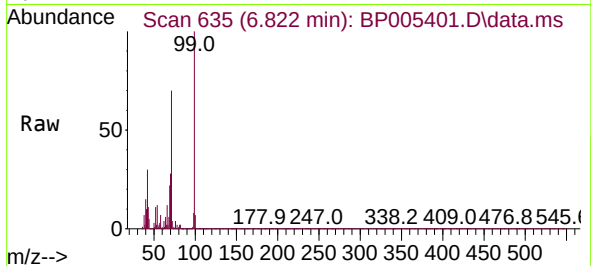




#7
Phenol-d6
Concen: 87.93 ng
RT: 6.822 min Scan# 635
Delta R.T. -0.012 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

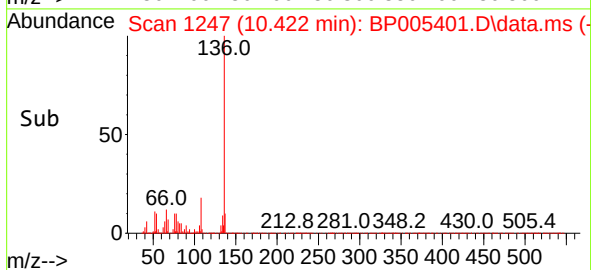
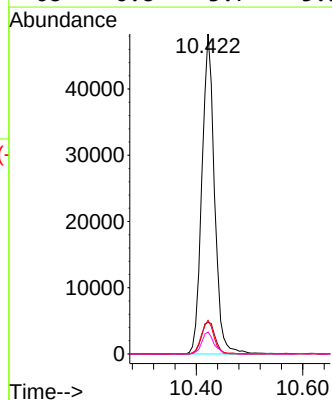
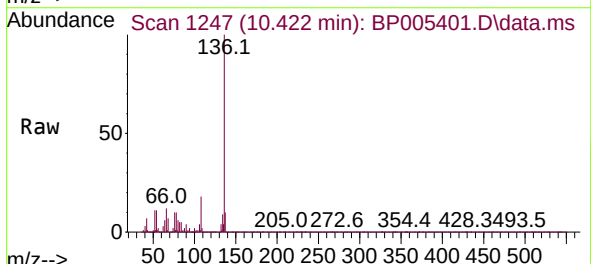
Instrument :
BNA_P
ClientSampleId :
COMP-1

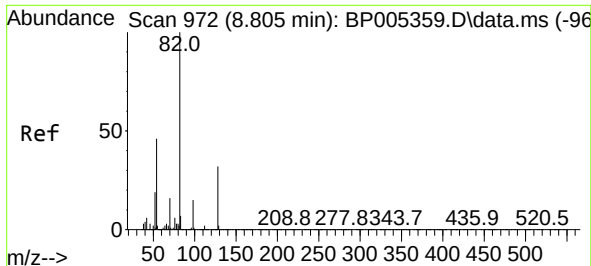
Tgt Ion: 99 Resp: 153413
Ion Ratio Lower Upper
99 100
42 30.1 12.9 19.3#
71 70.1 26.7 40.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.422 min Scan# 1247
Delta R.T. -0.012 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion: 136 Resp: 79206
Ion Ratio Lower Upper
136 100
137 9.9 8.9 13.3
54 10.5 5.0 7.4#
68 6.8 3.7 5.5#

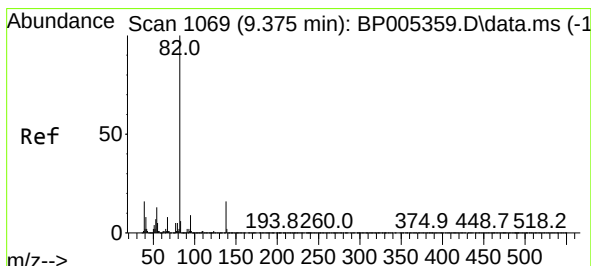
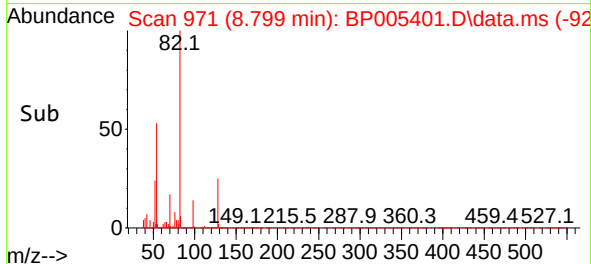
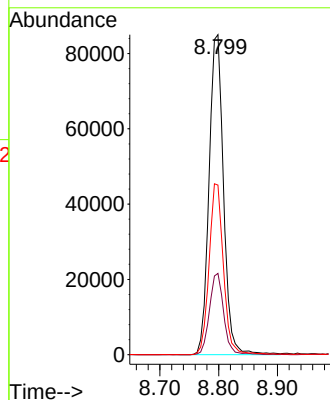
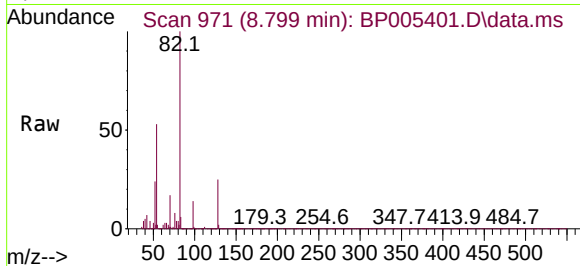




#23
Nitrobenzene-d5
Concen: 79.88 ng
RT: 8.799 min Scan# 971
Delta R.T. -0.006 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

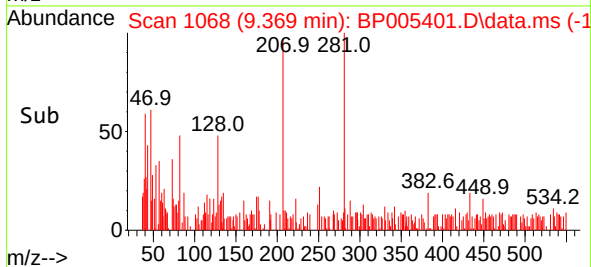
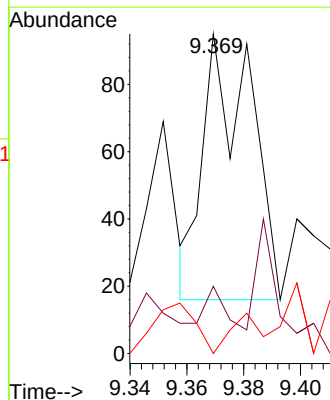
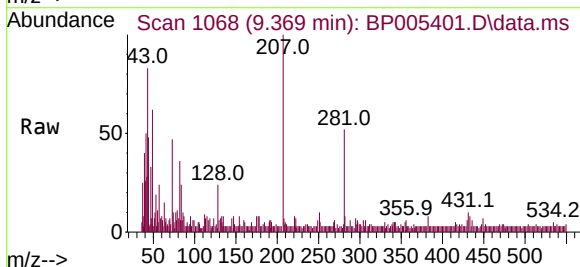
Instrument :
BNA_P
ClientSampleId :
COMP-1

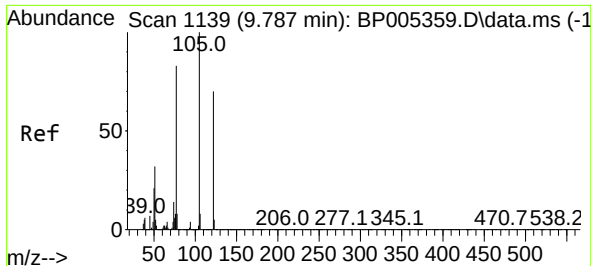
Tgt Ion: 82 Resp: 145461
Ion Ratio Lower Upper
82 100
128 25.4 30.5 45.7#
54 53.0 33.9 50.9#



#25
Isophorone
Concen: 2.98 ng
RT: 9.369 min Scan# 1068
Delta R.T. -0.006 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion: 82 Resp: 92
Ion Ratio Lower Upper
82 100
95 21.1 7.5 11.3#
138 0.0 14.6 22.0#

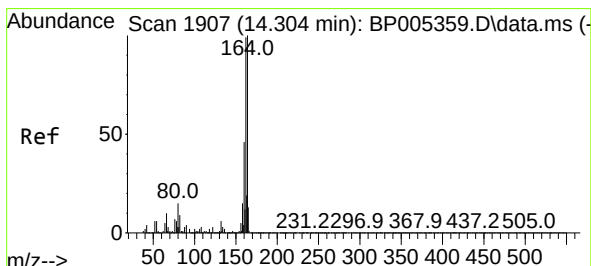
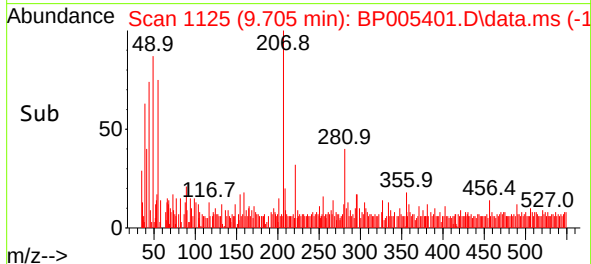
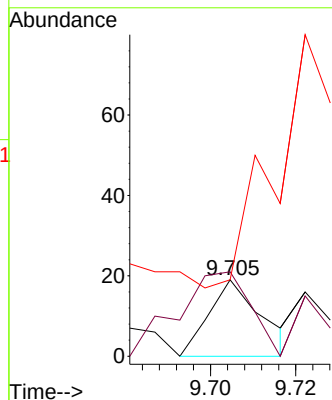
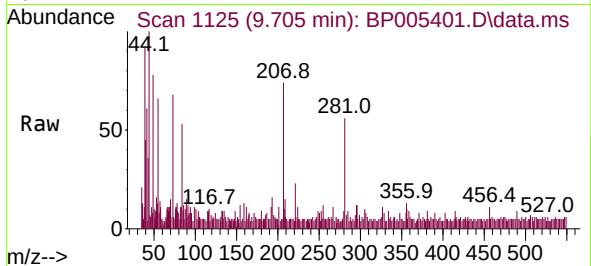




#32
Benzoic acid
Concen: 7.76 ng
RT: 9.705 min Scan# 1125
Delta R.T. -0.082 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

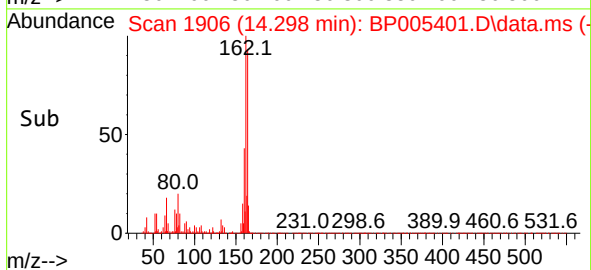
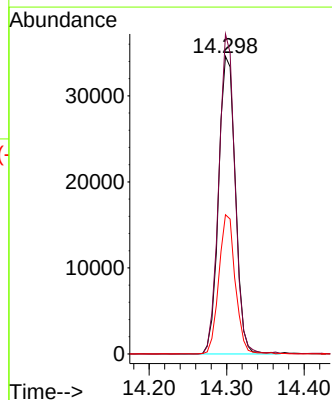
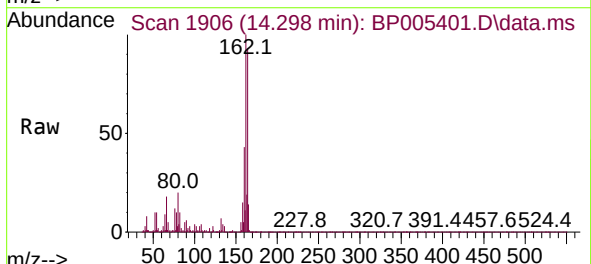
Instrument :
BNA_P
ClientSampleId :
COMP-1

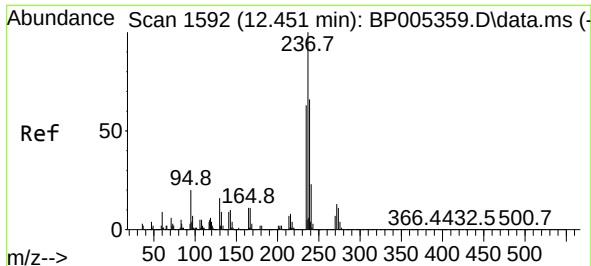
Tgt Ion:	122	Resp:	16
Ion	Ratio	Lower	Upper
122	100		
105	110.5	105.1	145.1
77	100.0	69.6	109.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.298 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion:	164	Resp:	52100
Ion	Ratio	Lower	Upper
164	100		
162	107.5	73.5	110.3
160	46.8	40.6	61.0

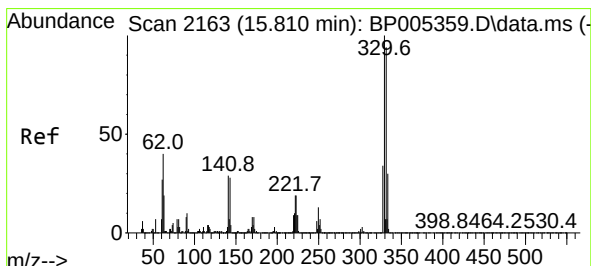
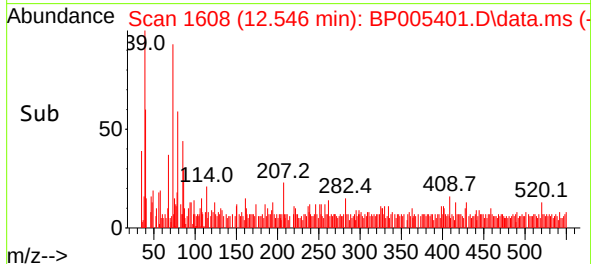
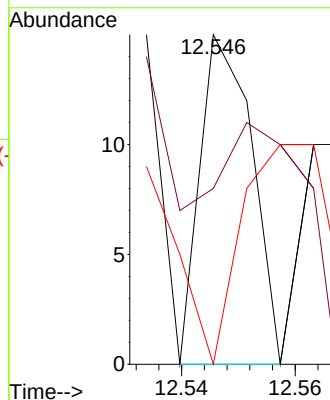
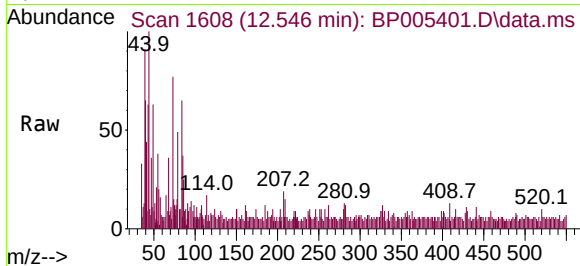




#41
Hexachlorocyclopentadiene
Concen: 6.97 ng
RT: 12.546 min Scan# 1608
Delta R.T. 0.095 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

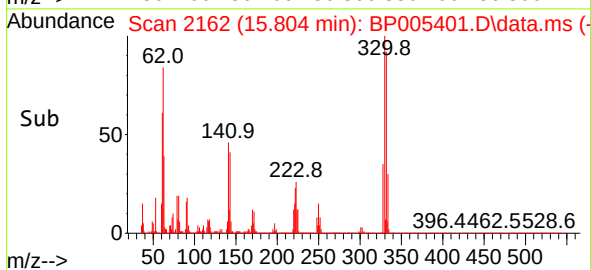
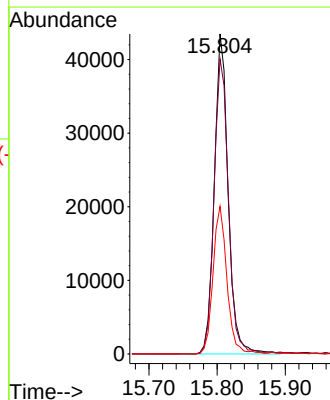
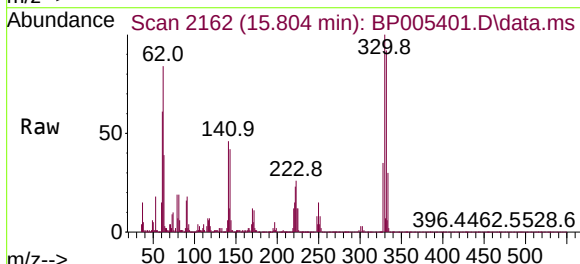
Instrument :
BNA_P
ClientSampled :
COMP-1

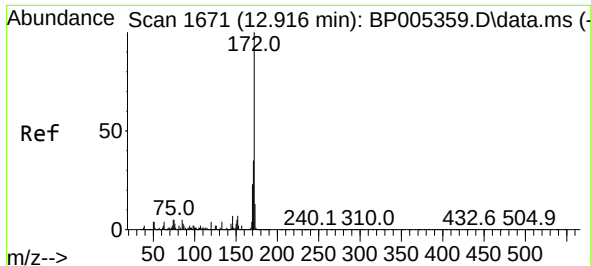
Tgt Ion:237	Resp:	10
Ion Ratio	Lower	Upper
237	100	
235	53.3	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 61.73 ng
RT: 15.804 min Scan# 2162
Delta R.T. -0.006 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion:330	Resp:	61515
Ion Ratio	Lower	Upper
330	100	
332	95.4	76.3 114.5
141	46.4	22.8 34.2#

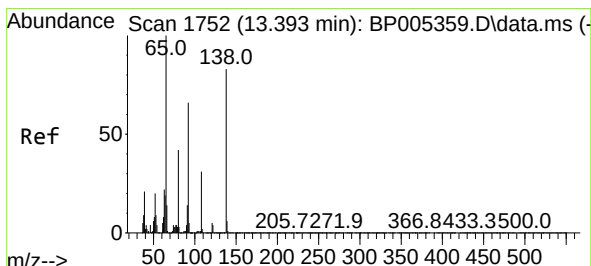
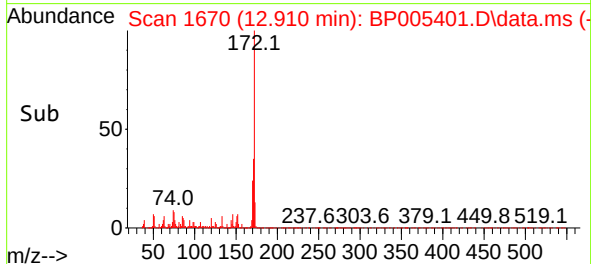
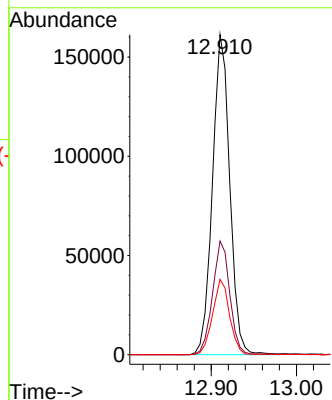
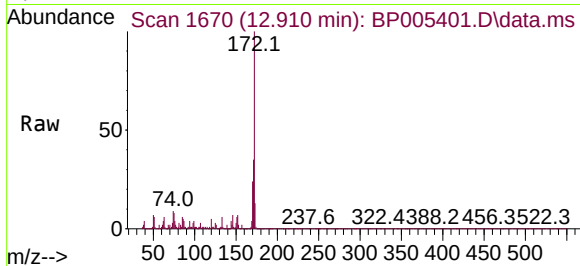




#45
2-Fluorobiphenyl
Concen: 56.69 ng
RT: 12.910 min Scan# 1670
Delta R.T. -0.006 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

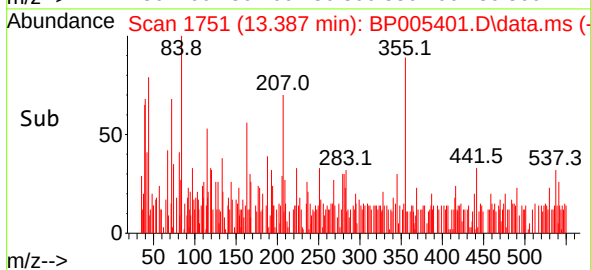
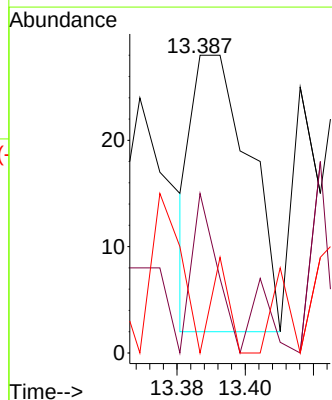
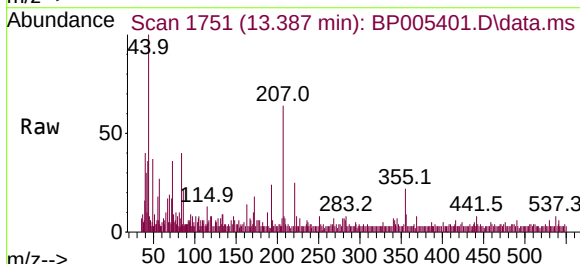
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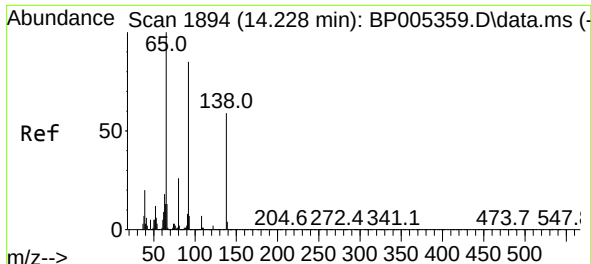
Tgt Ion:172	Resp:	228158
Ion Ratio	Lower	Upper
172	100	
171	35.5	28.1 42.1
170	23.5	19.6 29.4



#48
2-Nitroaniline
Concen: 5.47 ng
RT: 13.387 min Scan# 1751
Delta R.T. -0.006 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion: 65	Resp:	30
Ion Ratio	Lower	Upper
65	100	
92	53.6	48.8 73.2
138	0.0	69.5 104.3#

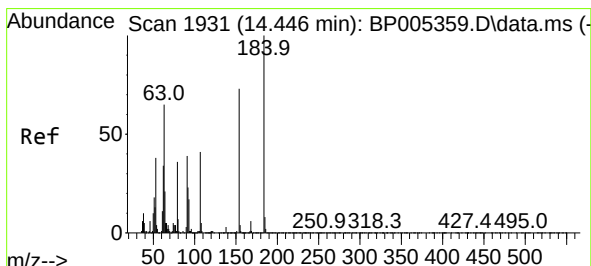
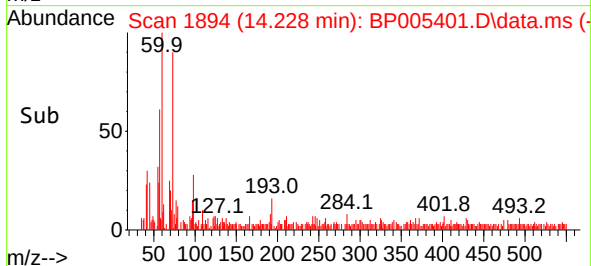
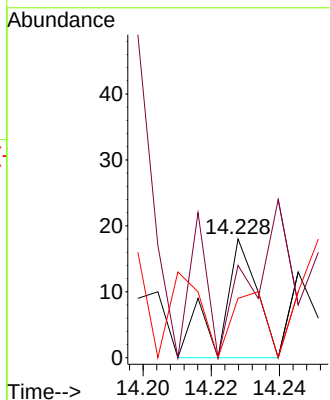
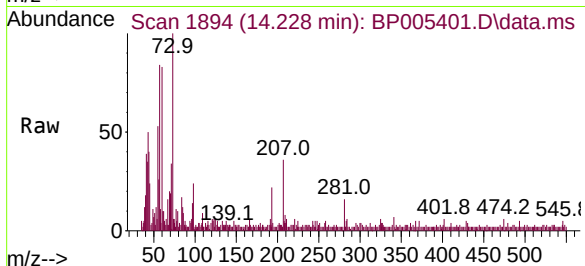




#53
3-Nitroaniline
Concen: 2.67 ng
RT: 14.228 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

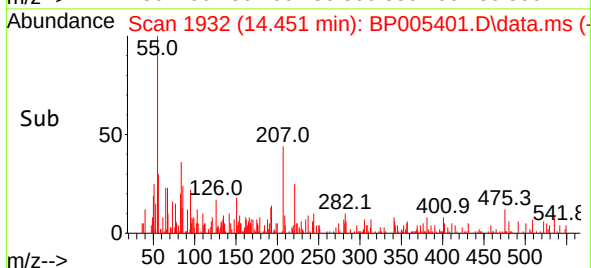
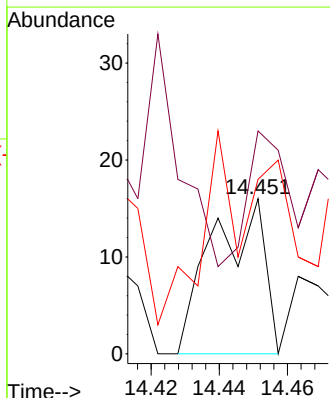
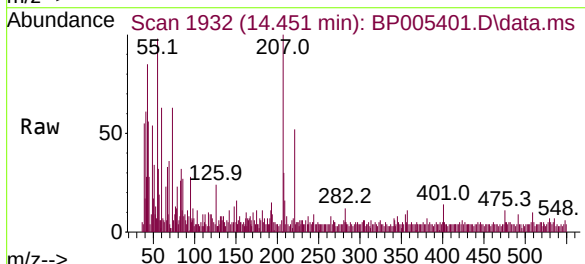
Instrument :
BNA_P
ClientSampleId :
COMP-1

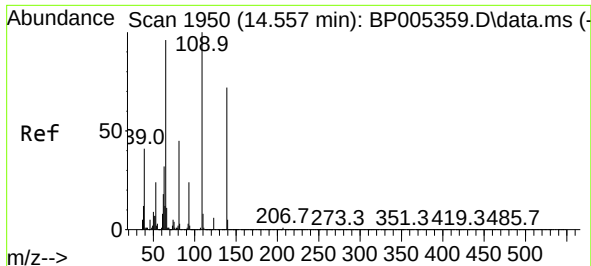
Tgt Ion:138 Resp: 13
Ion Ratio Lower Upper
138 100
108 77.8 10.2 15.4#
92 50.0 108.1 162.1#



#54
2,4-Dinitrophenol
Concen: 7.54 ng
RT: 14.451 min Scan# 1932
Delta R.T. 0.005 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion:184 Resp: 17
Ion Ratio Lower Upper
184 100
63 143.8 51.2 76.8#
154 112.5 55.8 83.8#

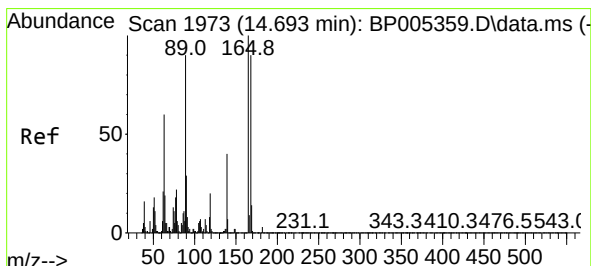
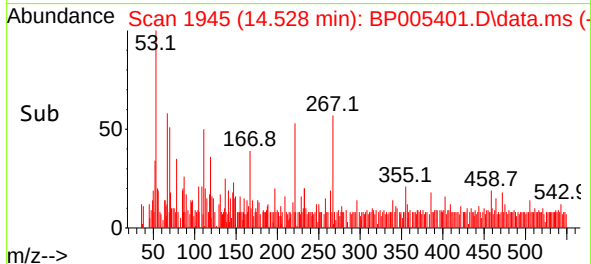
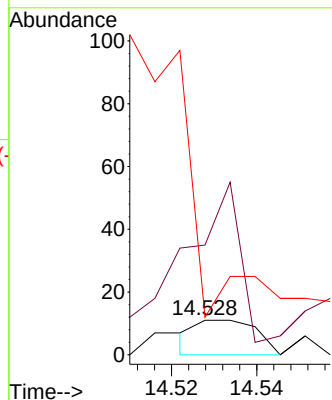
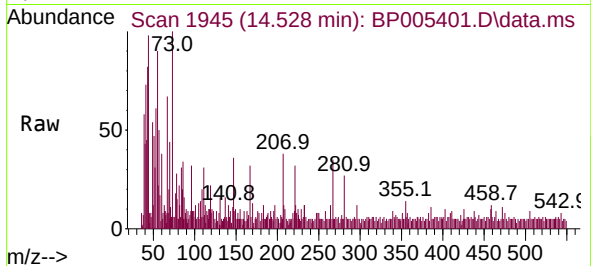




#56
4-Nitrophenol
Concen: 5.31 ng
RT: 14.528 min Scan# 1945
Delta R.T. -0.029 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

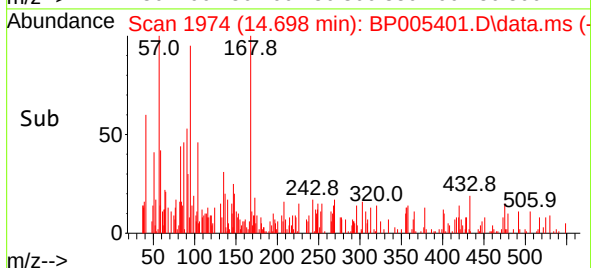
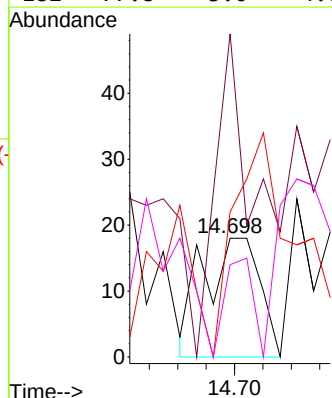
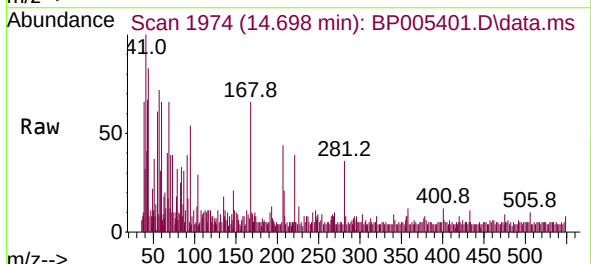
Instrument :
BNA_P
ClientSampled :
COMP-1

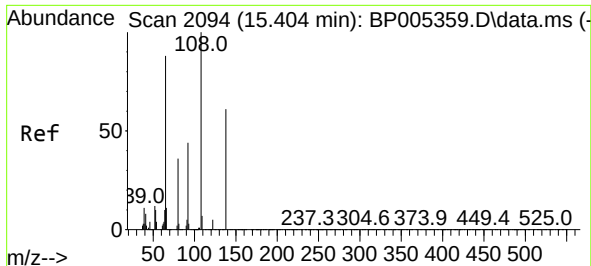
Tgt Ion:	139	Resp:	11
Ion	Ratio	Lower	Upper
139	100		
109	318.2	122.8	162.8#
65	163.6	110.0	150.0#



#57
2,4-Dinitrotoluene
Concen: 3.13 ng
RT: 14.698 min Scan# 1974
Delta R.T. 0.005 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion:	165	Resp:	25
Ion	Ratio	Lower	Upper
165	100		
63	272.2	56.7	85.1#
89	122.2	85.8	128.6
182	77.8	3.0	4.6#

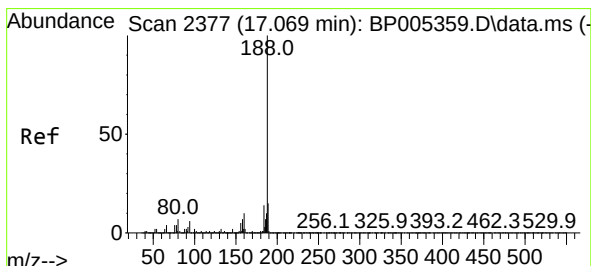
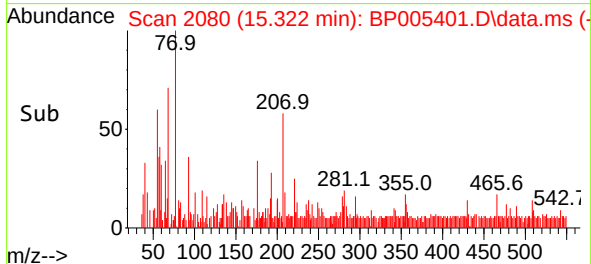
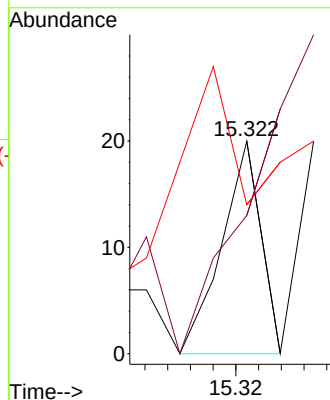
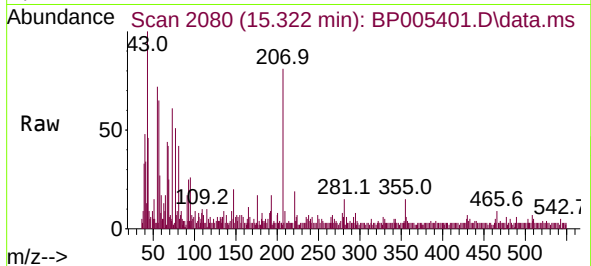




#62
4-Nitroaniline
Concen: 3.83 ng
RT: 15.322 min Scan# 2080
Delta R.T. -0.082 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

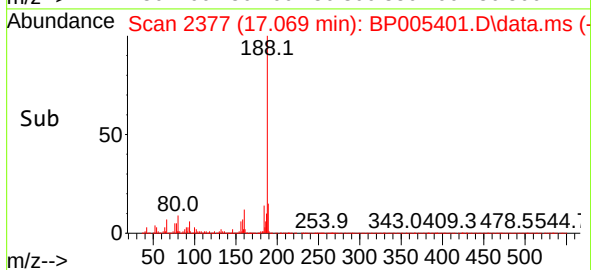
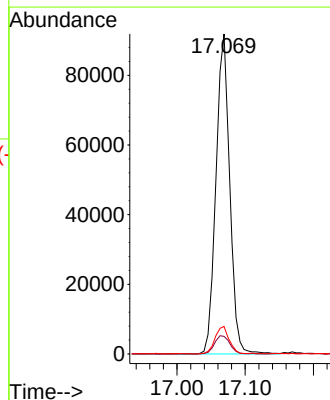
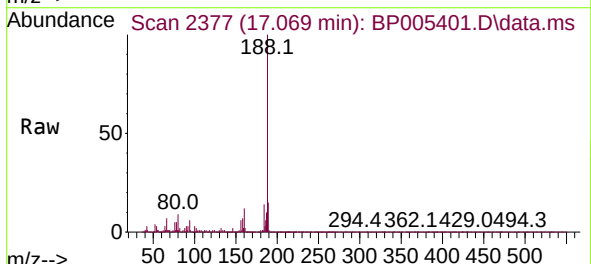
Instrument :
BNA_P
ClientSampleId :
COMP-1

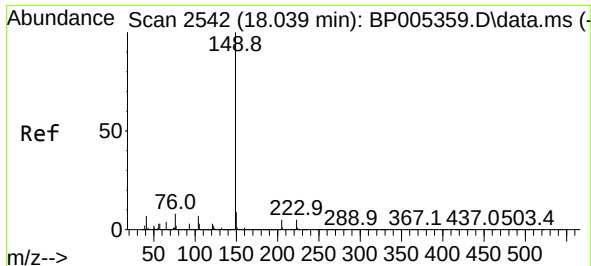
Tgt Ion:138 Resp: 10
Ion Ratio Lower Upper
138 100
92 65.0 50.9 90.9
108 185.0 154.7 194.7



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion:188 Resp: 129280
Ion Ratio Lower Upper
188 100
94 5.5 5.0 7.6
80 8.6 5.9 8.9

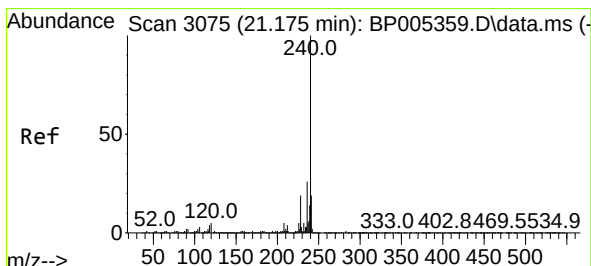
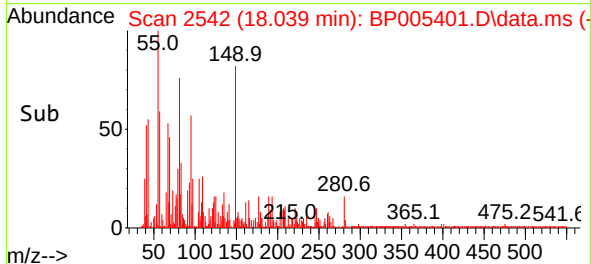
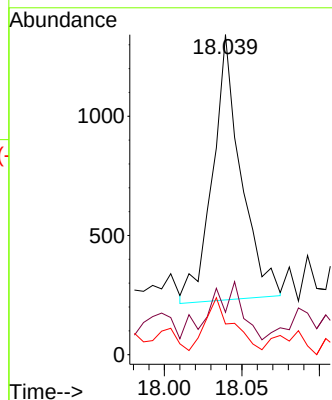
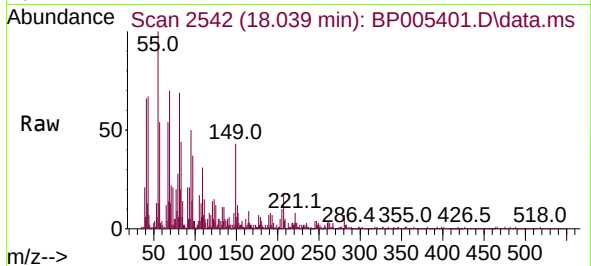




#74
Di-n-butylphthalate
Concen: 4.15 ng
RT: 18.039 min Scan# 2542
Delta R.T. 0.000 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

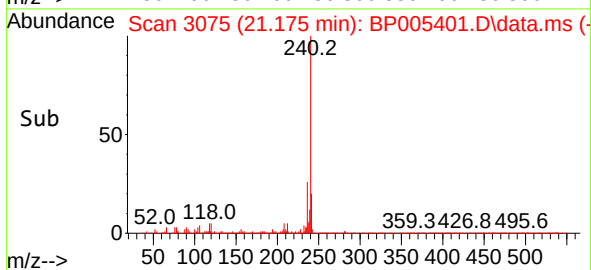
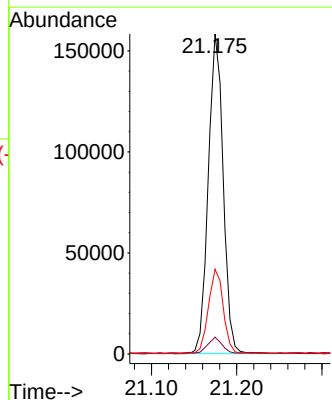
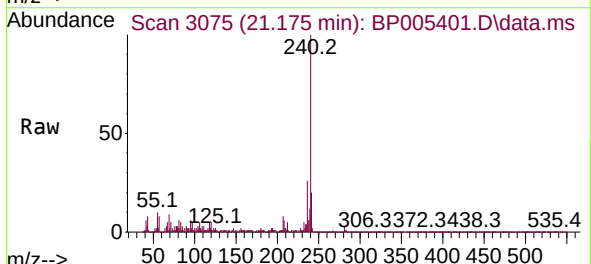
Instrument :
BNA_P
ClientSampleId :
COMP-1

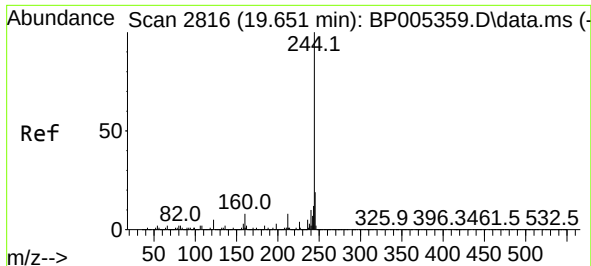
Tgt Ion:149 Resp: 1404
Ion Ratio Lower Upper
149 100
150 13.3 7.6 11.4#
104 9.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.175 min Scan# 3075
Delta R.T. -0.000 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion:240 Resp: 192267
Ion Ratio Lower Upper
240 100
120 5.2 4.2 6.2
236 26.4 20.2 30.2

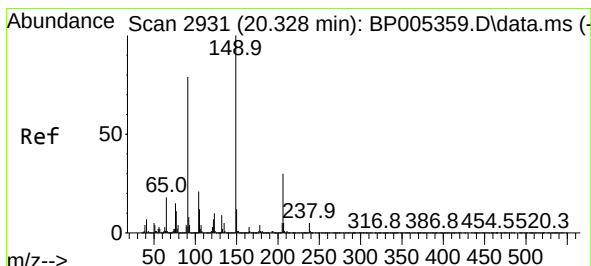
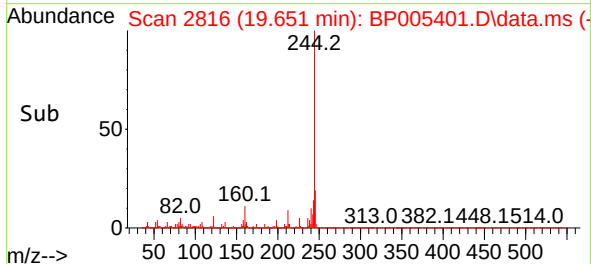
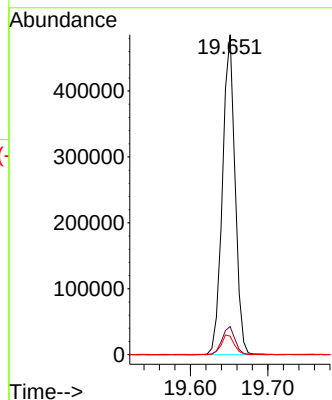
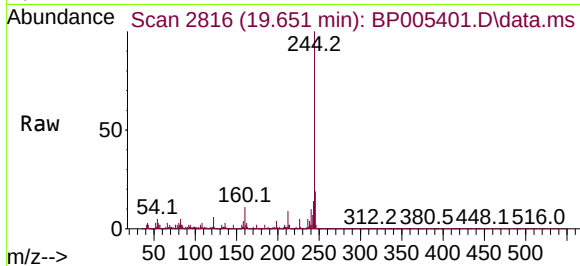




#79
 Terphenyl-d14
 Concen: 52.76 ng
 RT: 19.651 min Scan# 2816
 Delta R.T. -0.000 min
 Lab File: BP005401.D
 Acq: 23 Apr 2021 19:22

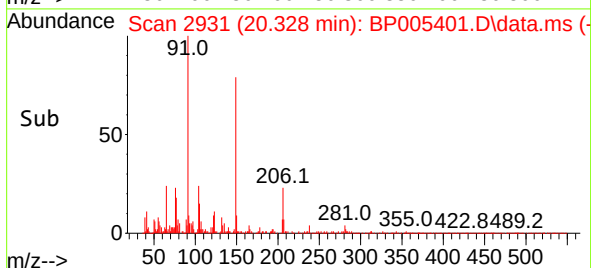
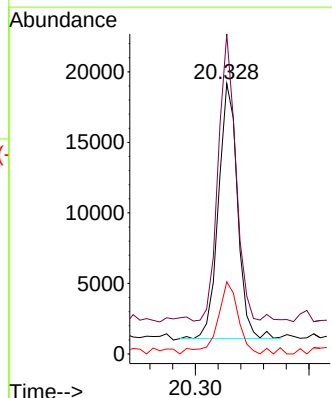
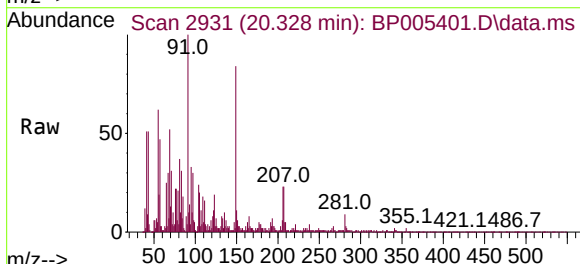
Instrument :
 BNA_P
 ClientSampleId :
 COMP-1

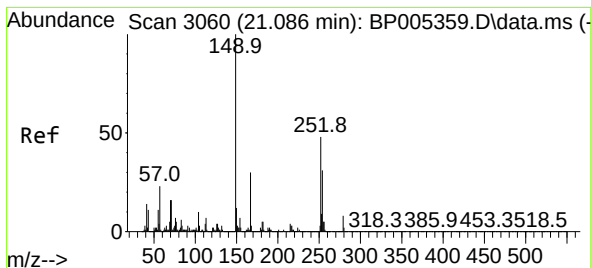
Tgt Ion:244 Resp: 547439
 Ion Ratio Lower Upper
 244 100
 212 8.8 5.8 8.6#
 122 5.8 5.2 7.8



#80
 Butylbenzylphthalate
 Concen: 8.61 ng
 RT: 20.328 min Scan# 2931
 Delta R.T. -0.000 min
 Lab File: BP005401.D
 Acq: 23 Apr 2021 19:22

Tgt Ion:149 Resp: 21092
 Ion Ratio Lower Upper
 149 100
 91 118.4 60.2 90.4#
 206 26.7 23.9 35.9

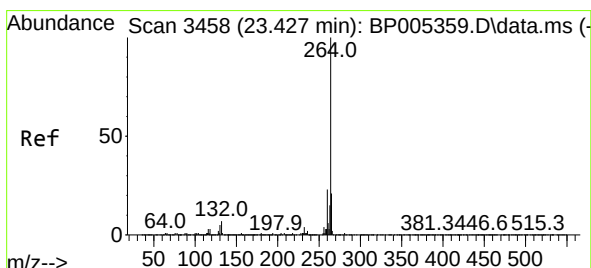
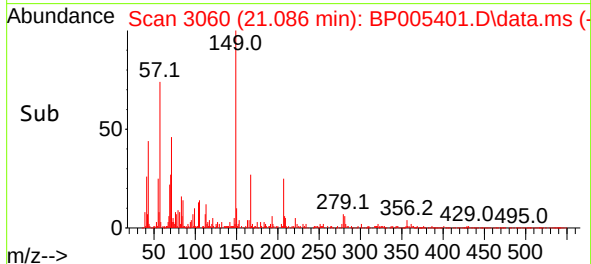
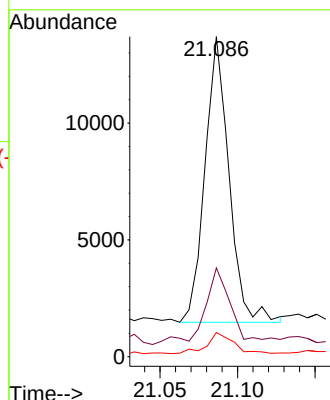
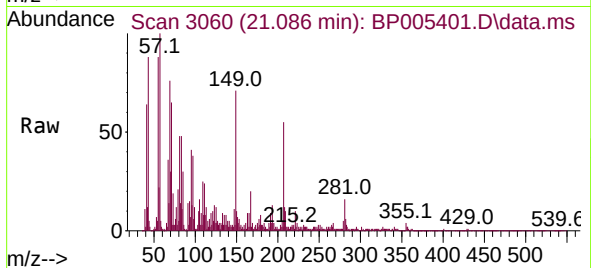




#84
Bis(2-ethylhexyl)phthalate
Concen: 5.84 ng
RT: 21.086 min Scan# 3060
Delta R.T. 0.000 min
Lab File: BP005401.D
Acq: 23 Apr 2021 19:22

Instrument :
BNA_P
ClientSampled :
COMP-1

Tgt Ion:149 Resp: 13189
Ion Ratio Lower Upper
149 100
167 27.7 23.8 35.8
279 7.5 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: BP005401.D
Acq: 23 Apr 2021 19:22

Tgt Ion:264 Resp: 204791
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 21.8 19.0 28.6

