

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP081920\
 Data File : BP003052.D
 Acq On : 20 Aug 2020 02:17
 Operator : CG/JU
 Sample : L3682-09
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20200516-2801-D

Quant Time: Aug 20 04:00:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 14:07:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	306418	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	1114711	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	791499	20.00	ng	-0.01
64) Phenanthrene-d10	17.07	188	1713412	20.00	ng	-0.01
76) Chrysene-d12	21.16	240	1853293	20.00	ng	-0.01
86) Perylene-d12	23.40	264	1902912	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	1679136	83.87	ng	0.00
7) Phenol-d6	6.86	99	1797739	64.68	ng	0.00
23) Nitrobenzene-d5	8.83	82	1441314	70.03	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1120583	113.91	ng	0.00
45) 2-Fluorobiphenyl	12.94	172	3525999	60.87	ng	-0.01
79) Terphenyl-d14	19.65	244	5897483	63.71	ng	-0.01

Target Compounds

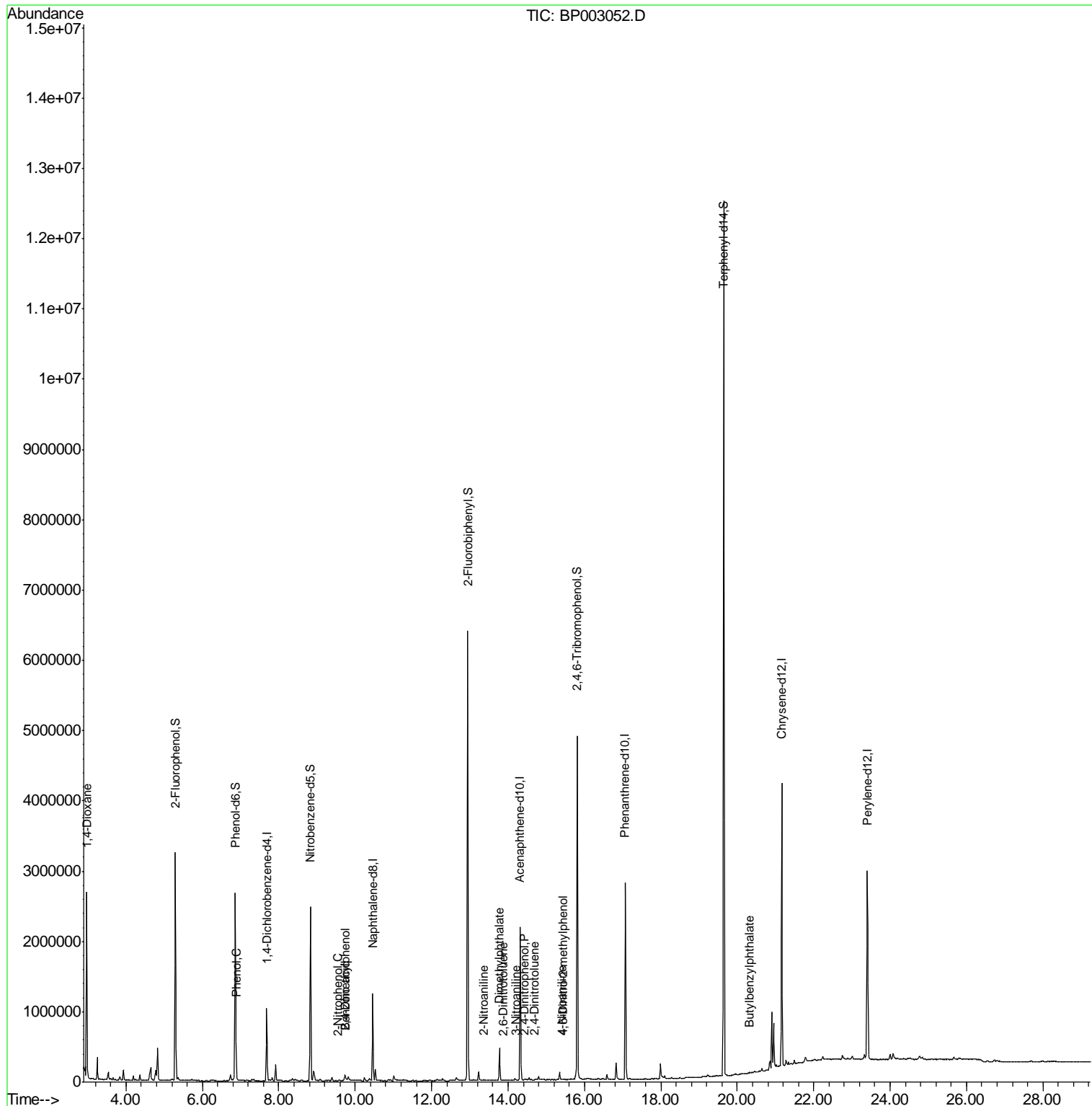
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.97	88	24021	2.795	ng	# 1
10) Phenol	6.89	94	65599	2.343	ng	91
26) 2-Nitrophenol	9.55	139	42	4.525	ng	# 1
27) 2,4-Dimethylphenol	9.73	122	51275	2.912	ng	# 7
32) Benzoic acid	9.73	122	51275	11.845	ng	97
48) 2-Nitroaniline	13.36	65	201	3.986	ng	# 24
50) Dimethylphthalate	13.77	163	328660	5.309	ng	100
51) 2,6-Dinitrotoluene	13.87	165	859	2.957	ng	# 72
53) 3-Nitroaniline	14.21	138	240	3.289	ng	# 68
54) 2,4-Dinitrophenol	14.42	184	30	8.062	ng	# 1
57) 2,4-Dinitrotoluene	14.67	165	264	3.819	ng	# 1
62) 4-Nitroaniline	15.41	138	143	2.425	ng	# 33
65) 4,6-Dinitro-2-methylphenol	15.43	198	13	6.901	ng	# 1
80) Butylbenzylphthalate	20.33	149	1282	3.081	ng	# 62

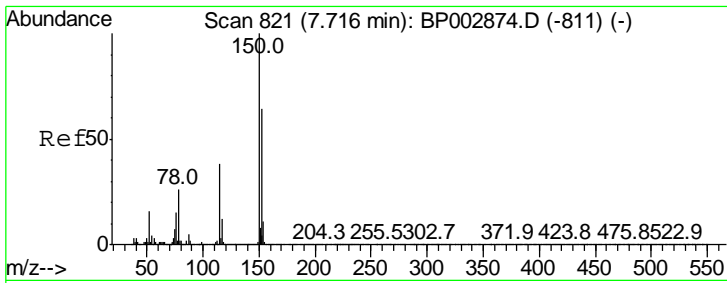
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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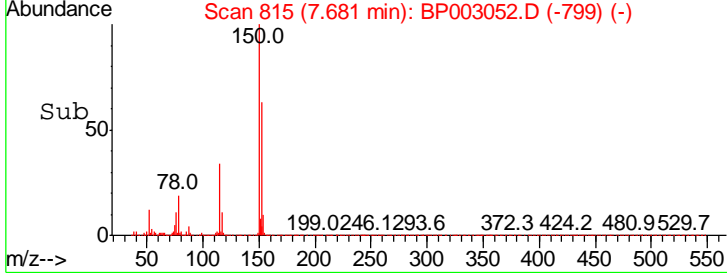
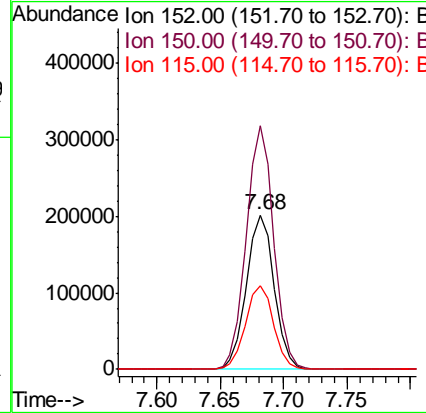
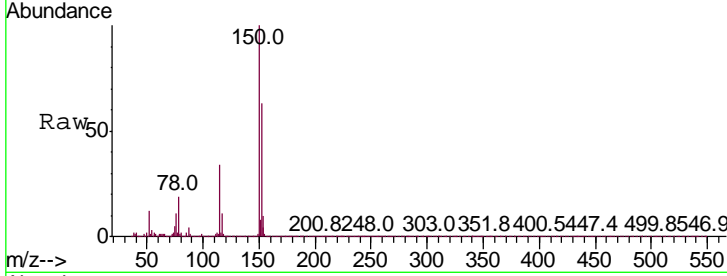




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.68 min Scan# 815
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

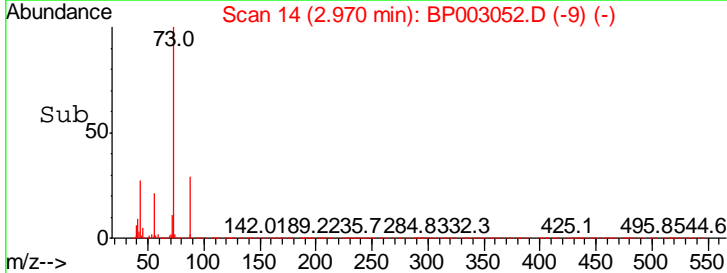
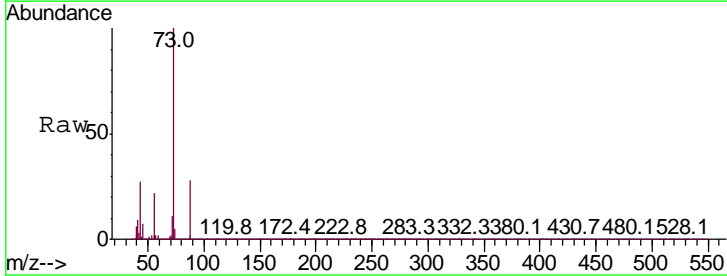
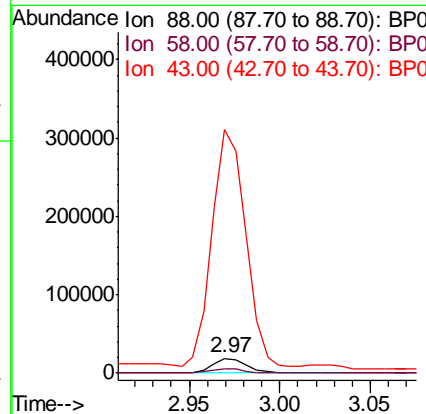
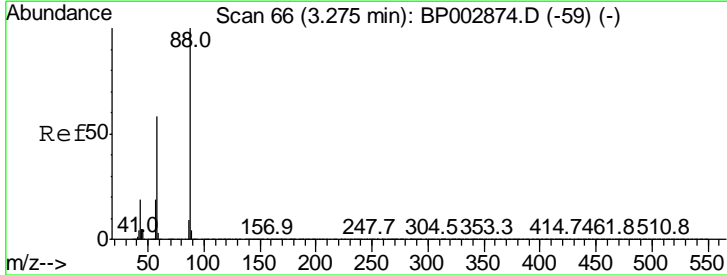
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 ClientSampleId :
 20200516-2801-D

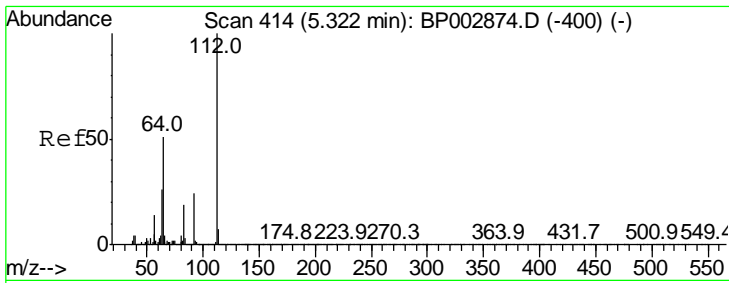
Tgt Ion	Resp	Lower	Upper
152	100		
150	157.5	126.1	189.1
115	53.8	43.4	65.2



#2
 1,4-Dioxane
 Concen: 2.795 ng
 RT: 2.97 min Scan# 14
 Delta R.T. -0.27 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Resp	Lower	Upper
88	100		
58	21.8	44.5	66.7#
43	1599.9	14.5	21.7#



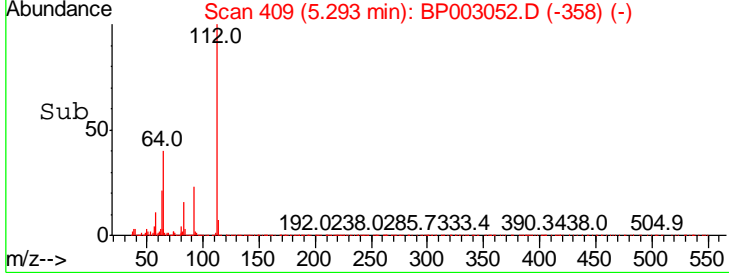
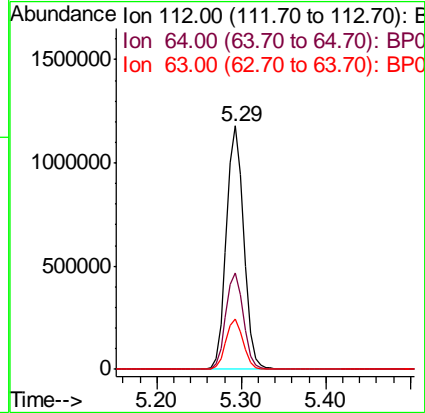
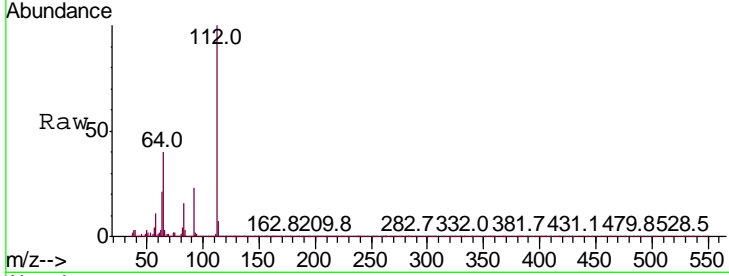


#5
 2-Fluorophenol
 Concen: 83.870 ng
 RT: 5.29 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Instrument :
 BNA_P
ClientSampleId :
 20200516-2801-D

Tgt Ion: 112 Resp: 1679136

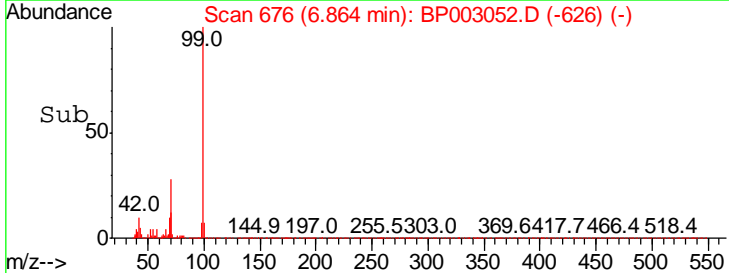
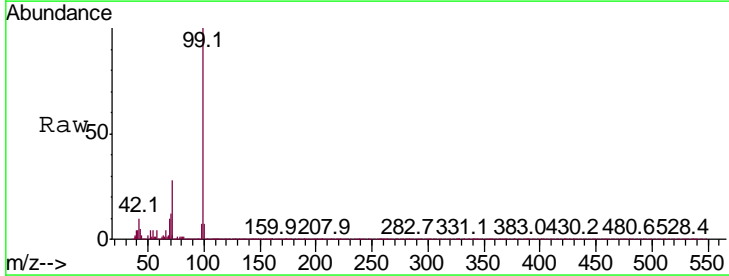
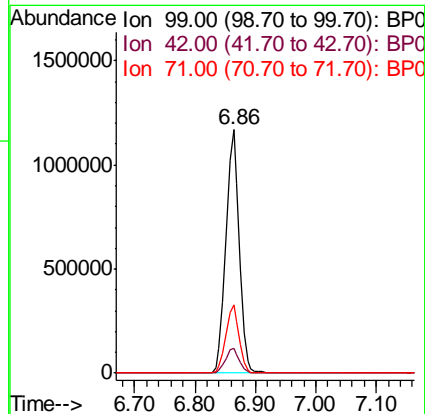
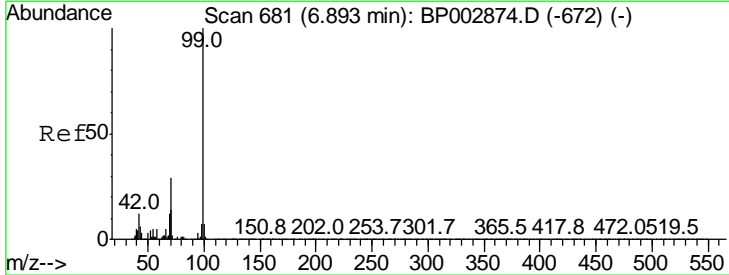
Ion	Ratio	Lower	Upper
112	100		
64	39.8	33.4	50.2
63	20.7	17.4	26.0

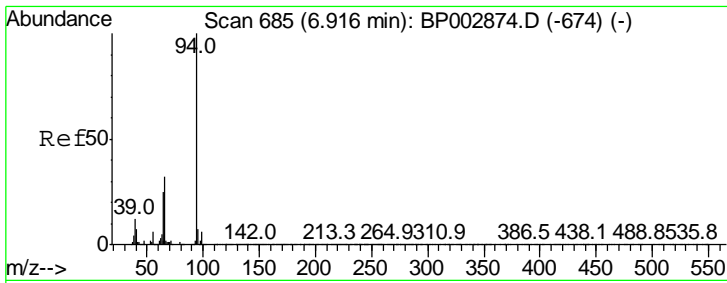


#7
 Phenol-d6
 Concen: 64.675 ng
 RT: 6.86 min Scan# 676
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion: 99 Resp: 1797739

Ion	Ratio	Lower	Upper
99	100		
42	10.0	8.0	12.0
71	28.2	21.3	31.9

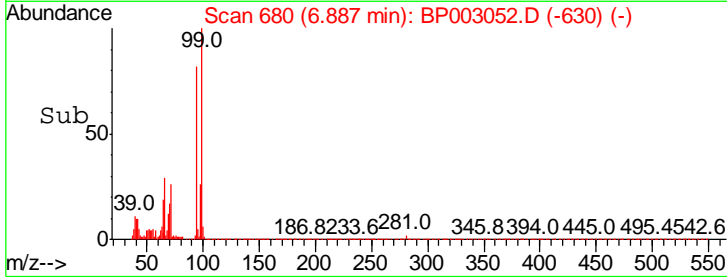
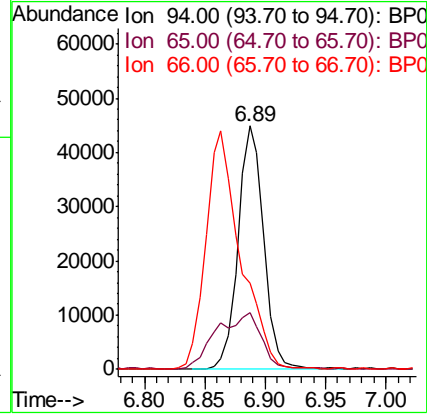
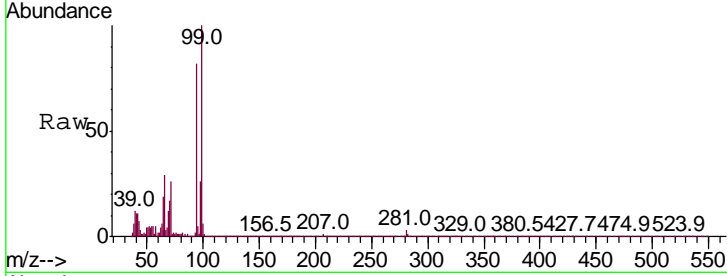




#10
 Phenol
 Concen: 2.343 ng
 RT: 6.89 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

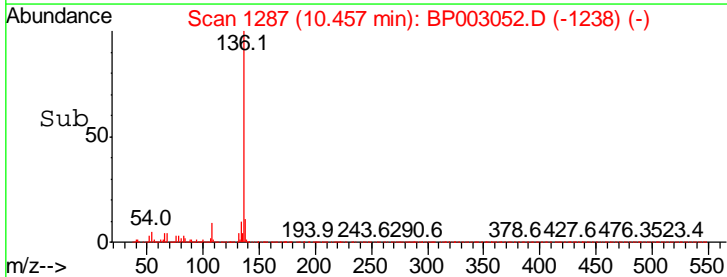
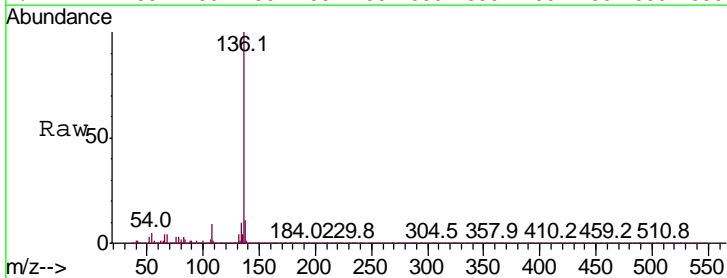
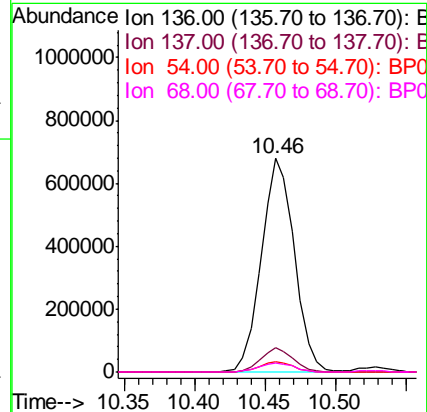
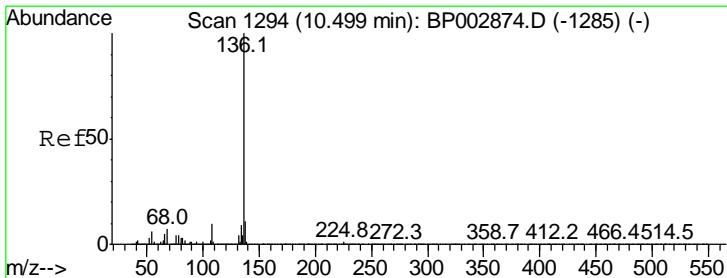
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 ClientSampleId :
 20200516-2801-D

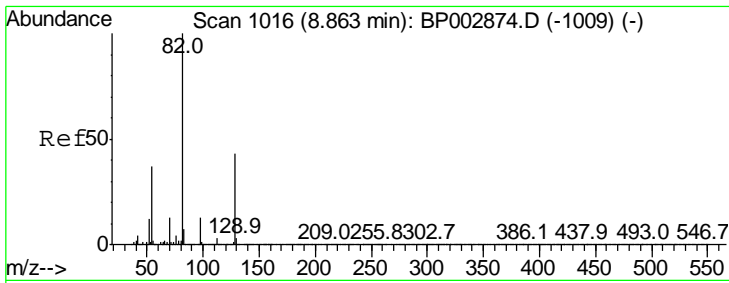
Tgt Ion	Resp	Lower	Upper
94	100		
65	23.1	1.7	41.7
66	35.6	8.6	48.6



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 10.46 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Resp	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	4.7	3.8	5.8
68	4.4	3.8	5.8



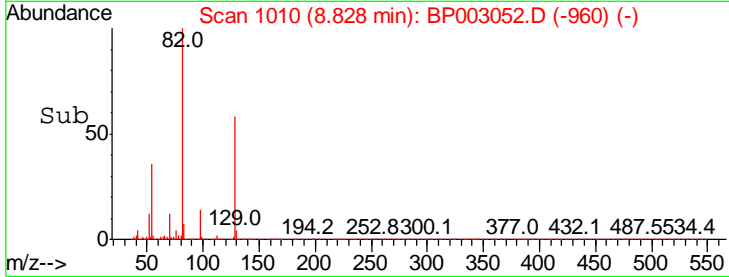
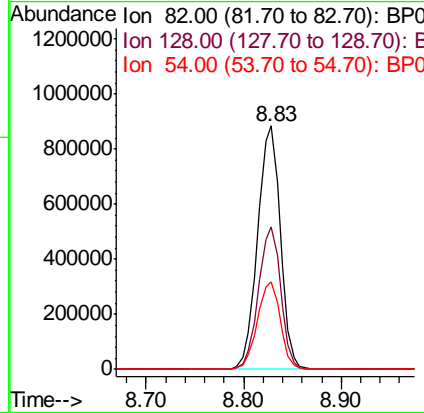
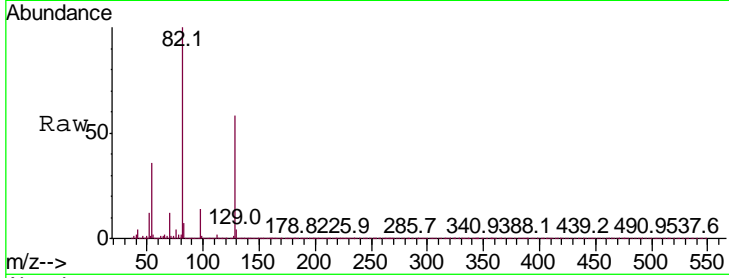


#23
 Nitrobenzene-d5
 Concen: 70.032 ng
 RT: 8.83 min Scan# 1010
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Instrument :
 BNA_P
 ClientSampleId :
 20200516-2801-D

Tgt Ion: 82 Resp: 1441314

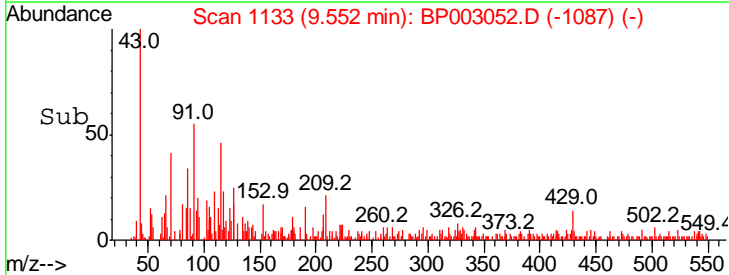
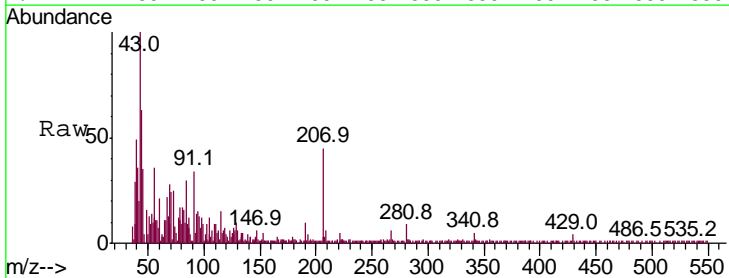
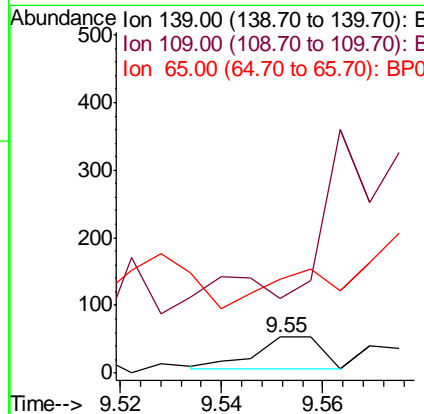
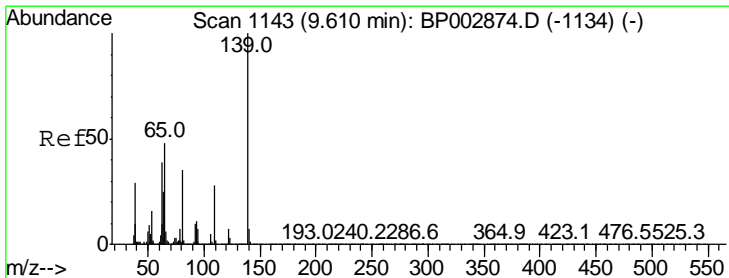
Ion	Ratio	Lower	Upper
82	100		
128	58.3	45.1	67.7
54	36.1	28.8	43.2

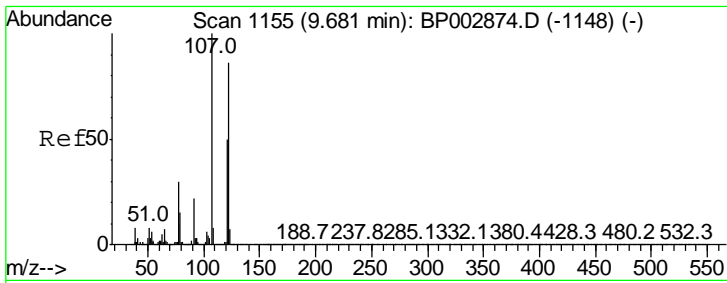


#26
 2-Nitrophenol
 Concen: 4.525 ng
 RT: 9.55 min Scan# 1133
 Delta R.T. -0.03 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion: 139 Resp: 42

Ion	Ratio	Lower	Upper
139	100		
109	290.6	21.0	31.6#
65	260.4	27.2	40.8#

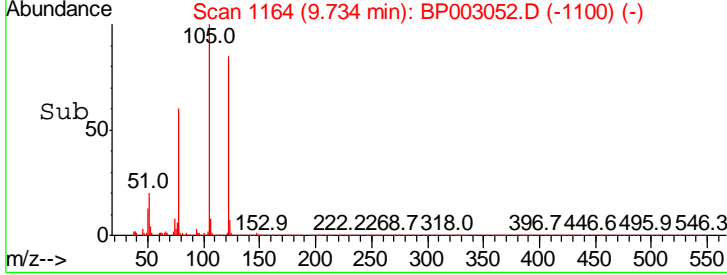
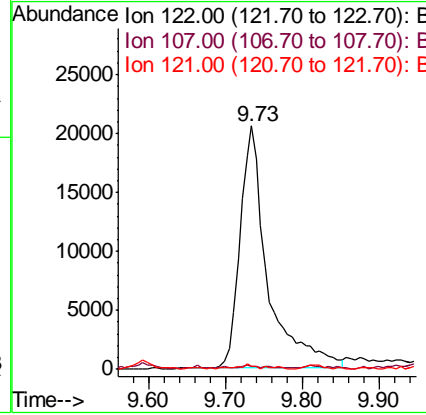
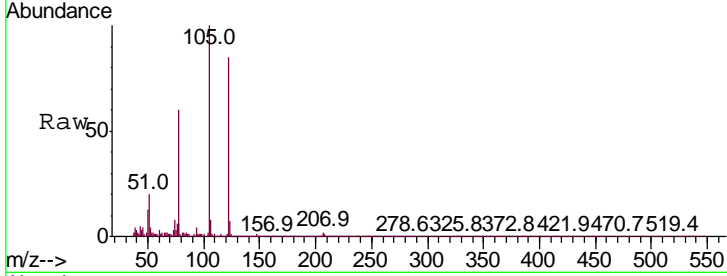




#27
 2,4-Dimethylphenol
 Concen: 2.912 ng
 RT: 9.73 min Scan# 1164
 Delta R.T. 0.08 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

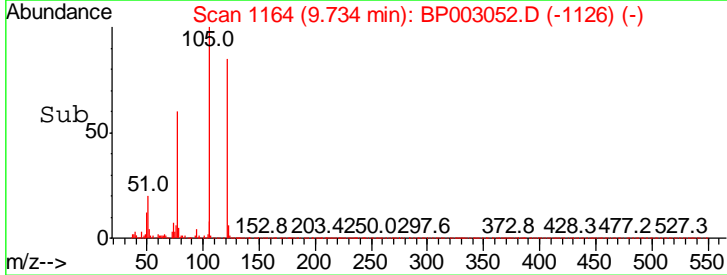
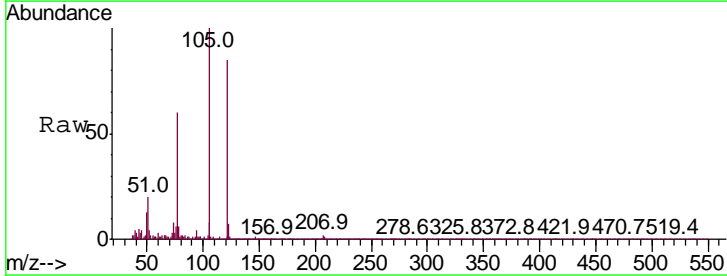
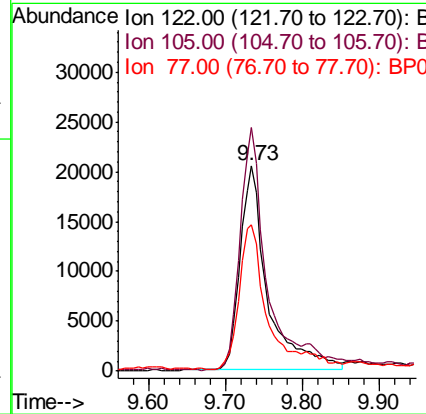
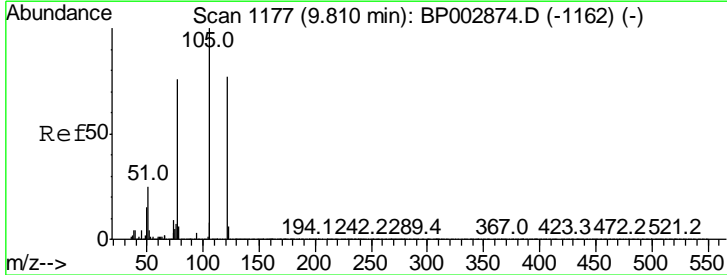
Instrument :
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ClientSampled :
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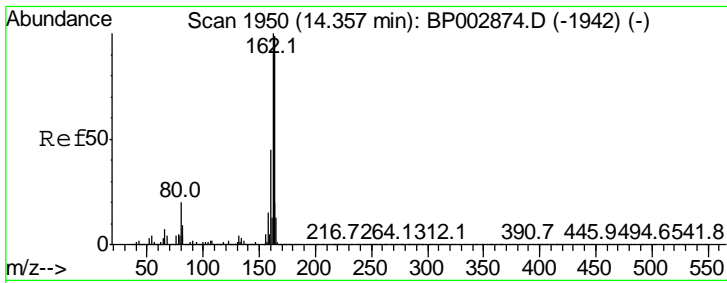
Tgt Ion	Ratio	Lower	Upper
122	100		
107	1.1	85.4	128.0#
121	1.2	47.0	70.4#



#32
 Benzoic acid
 Concen: 11.845 ng
 RT: 9.73 min Scan# 1164
 Delta R.T. -0.08 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.3	96.2	136.2
77	71.2	55.6	95.6

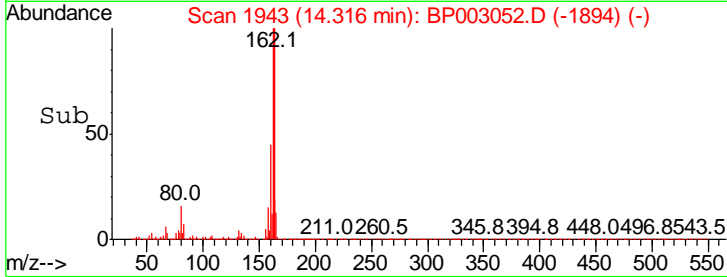
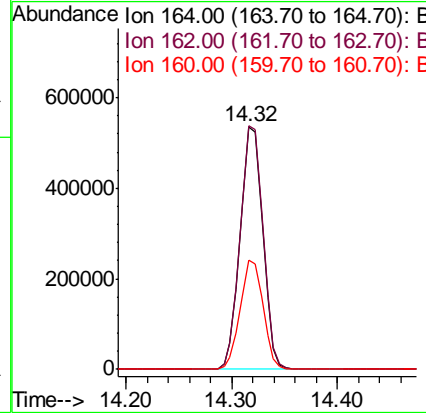
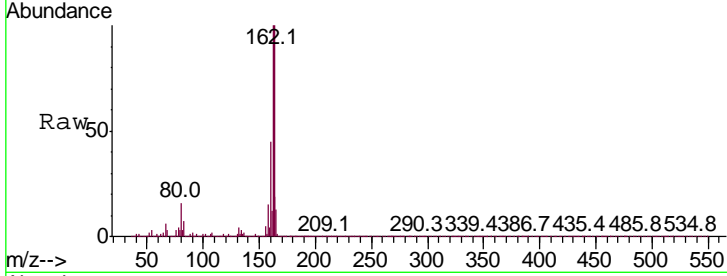




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.32 min Scan# 1943
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

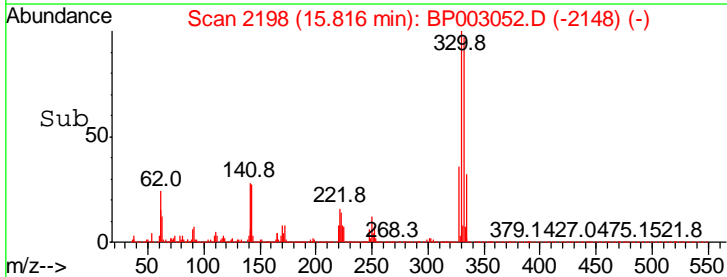
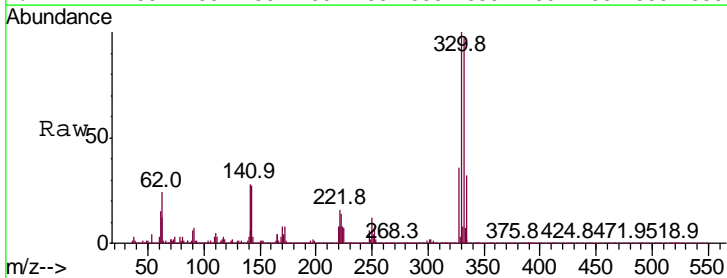
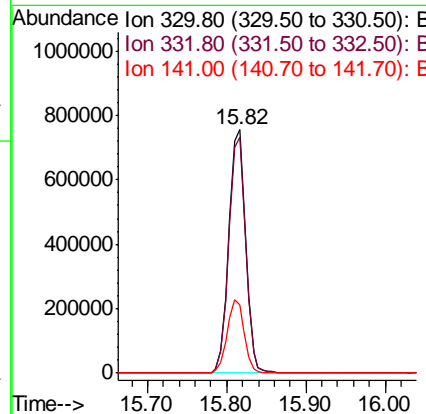
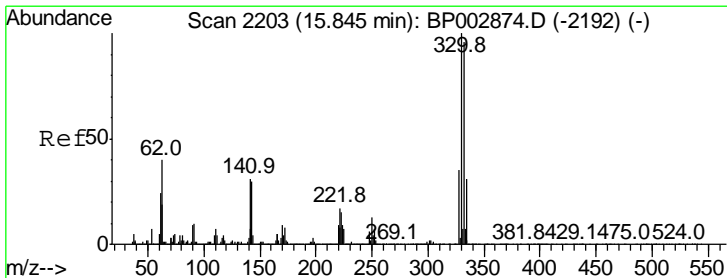
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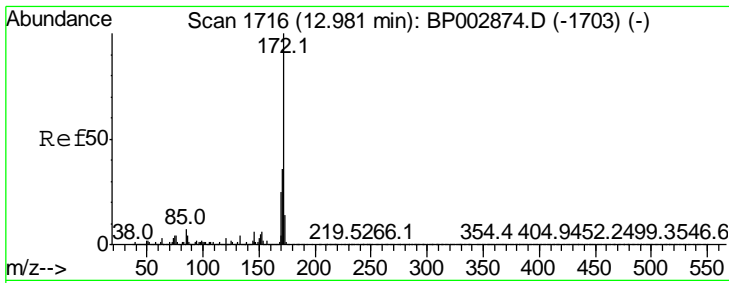
Tgt Ion	Resp	Lower	Upper
164	100		
162	100.5	81.4	122.0
160	45.2	35.5	53.3



#42
 2,4,6-Tribromophenol
 Concen: 113.910 ng
 RT: 15.82 min Scan# 2198
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Resp	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	30.5	26.7	40.1



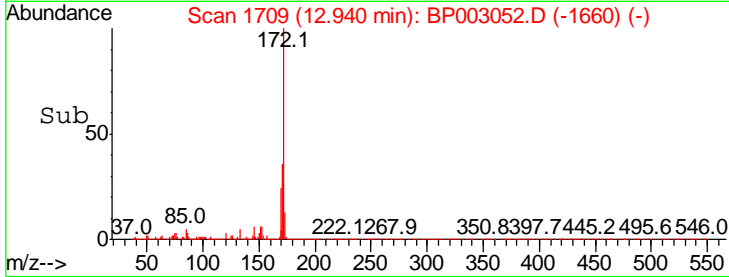
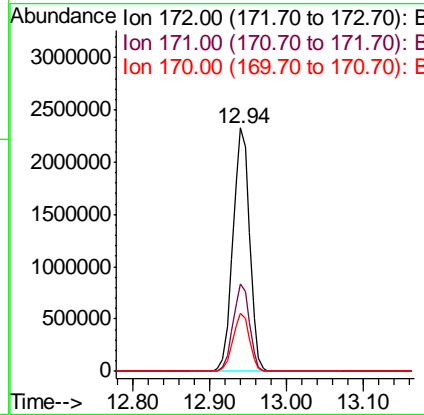
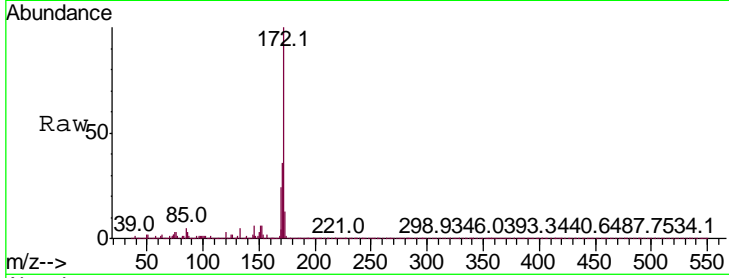


#45
 2-Fluorobiphenyl
 Concen: 60.866 ng
 RT: 12.94 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Instrument :
 BNA_P
 ClientSampleId :
 20200516-2801-D

Tgt Ion: 172 Resp: 3525999

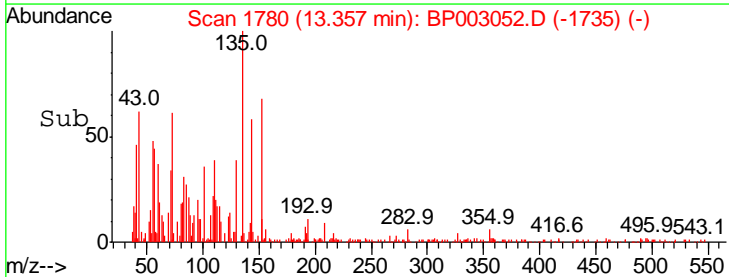
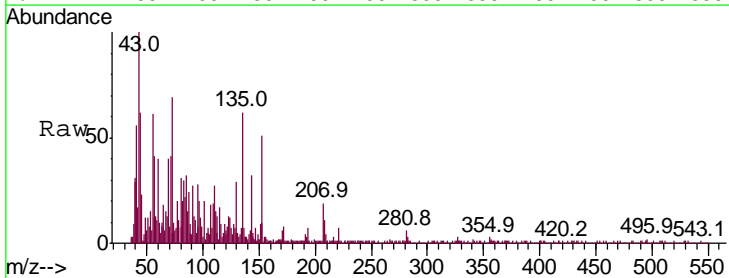
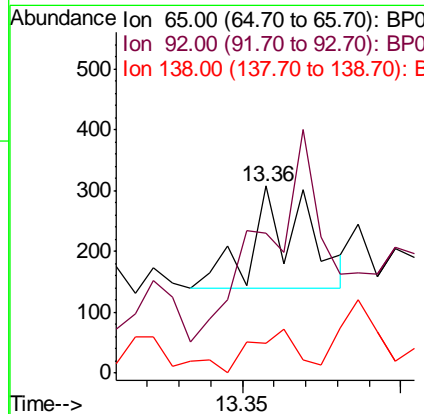
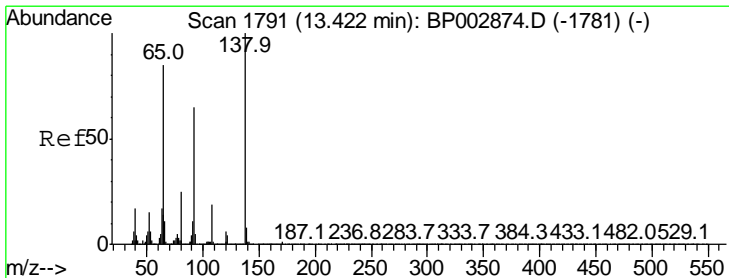
Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.4
170	23.6	19.1	28.7

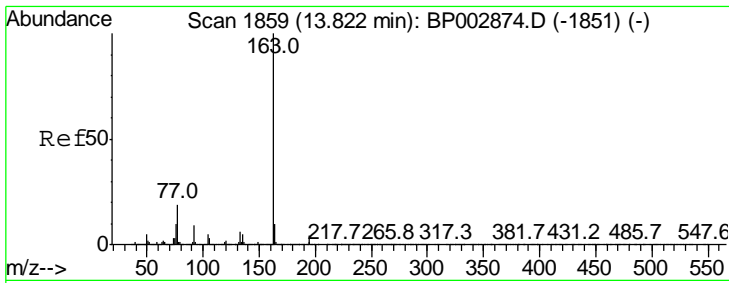


#48
 2-Nitroaniline
 Concen: 3.986 ng
 RT: 13.36 min Scan# 1780
 Delta R.T. -0.04 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion: 65 Resp: 201

Ion	Ratio	Lower	Upper
65	100		
92	74.9	70.1	105.1
138	15.6	129.7	194.5#

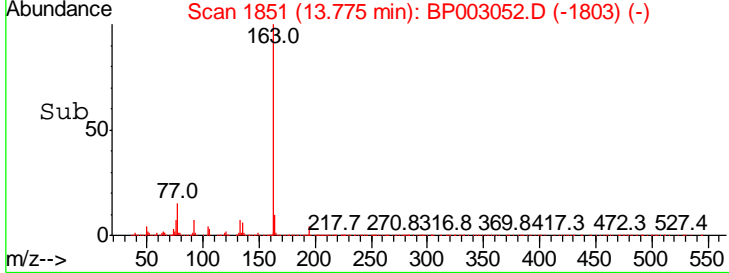
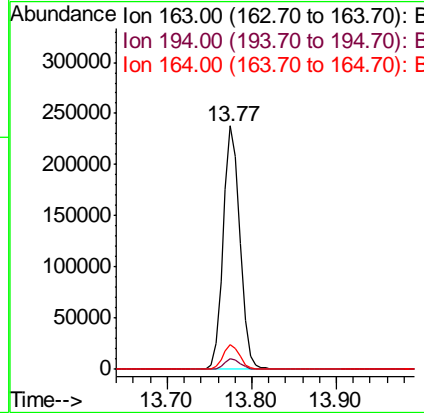
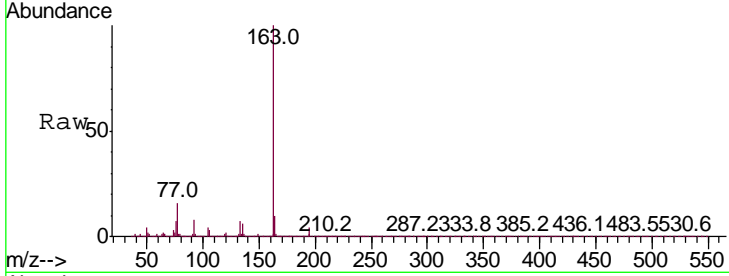




#50
 Dimethylphthalate
 Concen: 5.309 ng
 RT: 13.77 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

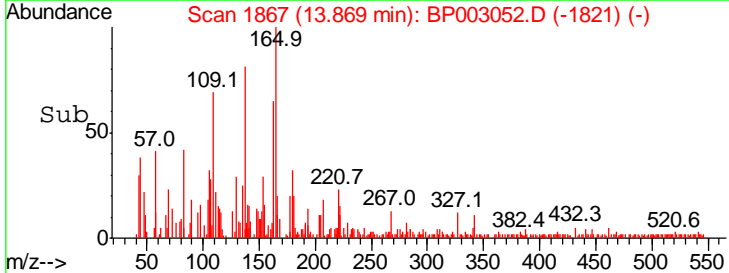
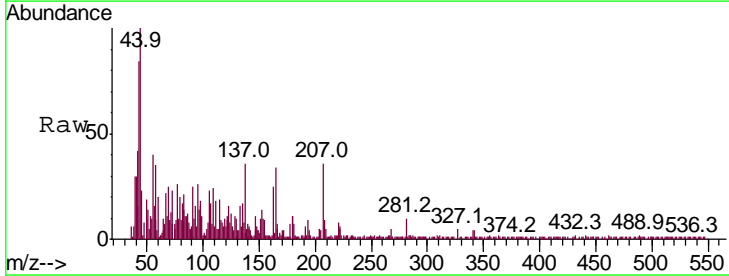
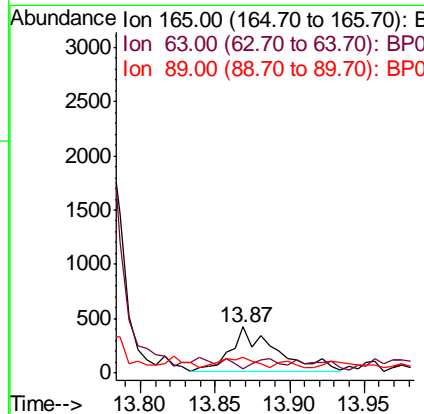
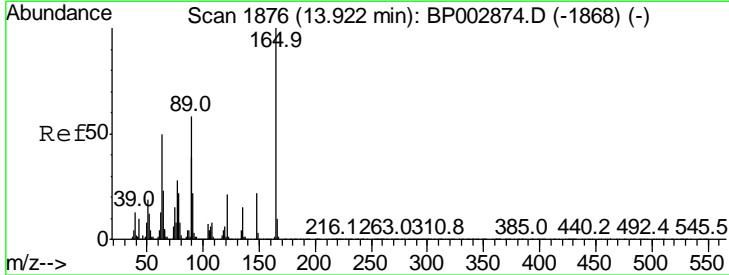
Instrument :
 BNA_P
 ClientSampled :
 20200516-2801-D

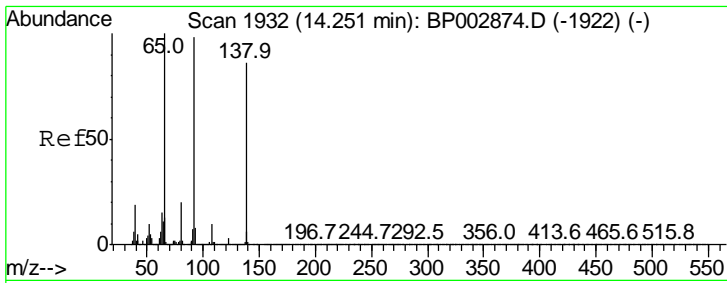
Tgt Ion	Resp	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	10.3	8.1	12.1



#51
 2,6-Dinitrotoluene
 Concen: 2.957 ng
 RT: 13.87 min Scan# 1867
 Delta R.T. -0.03 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Resp	Lower	Upper
165	100		
63	9.9	28.1	42.1#
89	33.6	34.5	51.7#

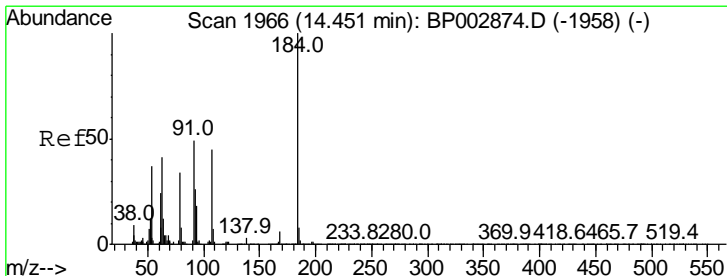
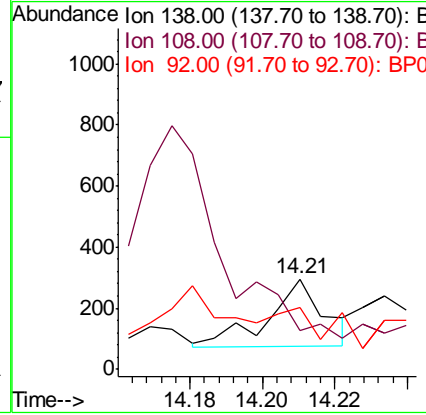
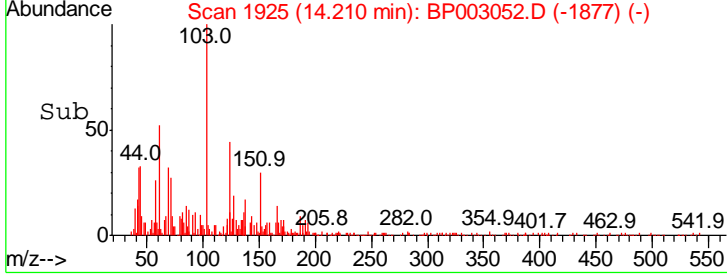
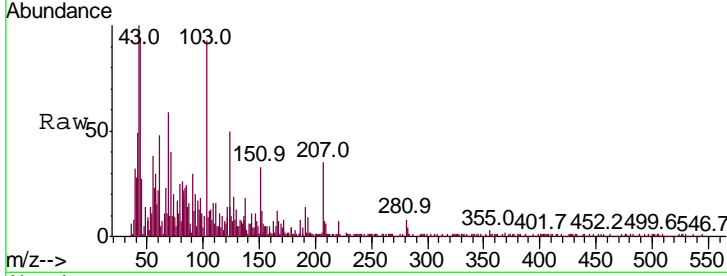




#53
 3-Nitroaniline
 Concen: 3.289 ng
 RT: 14.21 min Scan# 1925
 Delta R.T. -0.02 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

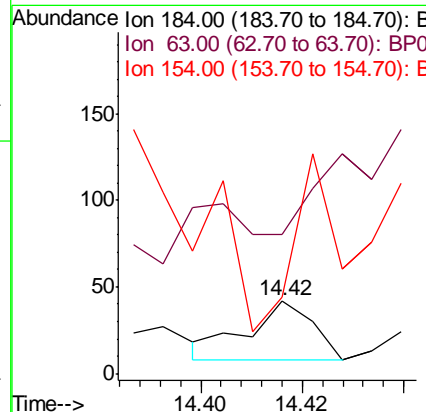
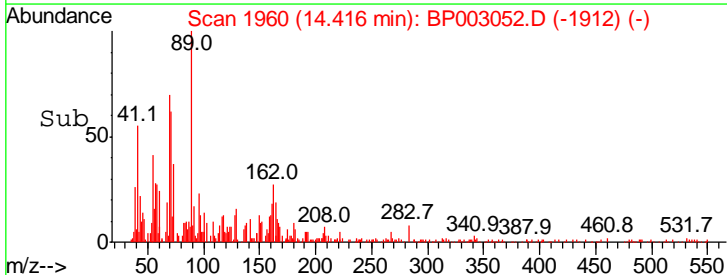
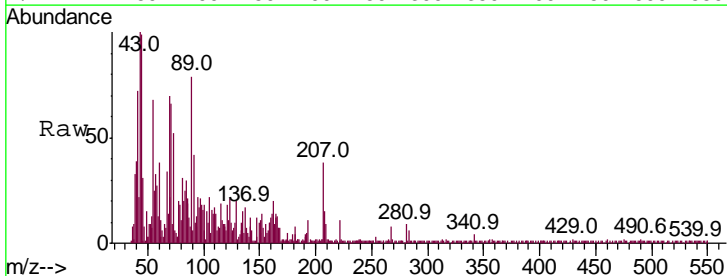
Instrument :
 BNA_P
 ClientSampled :
 20200516-2801-D

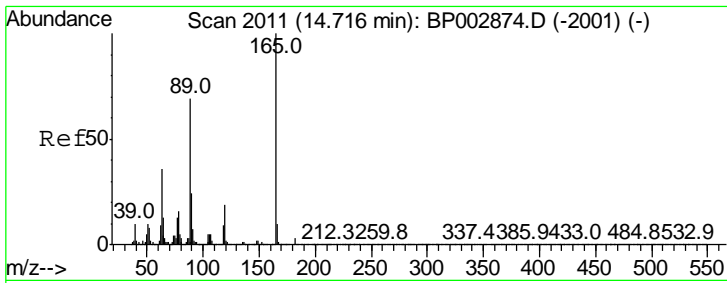
Tgt Ion	Resp	Lower	Upper
138	100		
108	42.2	7.7	11.5#
92	68.6	75.6	113.4#



#54
 2,4-Dinitrophenol
 Concen: 8.062 ng
 RT: 14.42 min Scan# 1960
 Delta R.T. -0.02 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Resp	Lower	Upper
184	100		
63	190.5	33.0	49.6#
154	104.8	46.8	70.2#

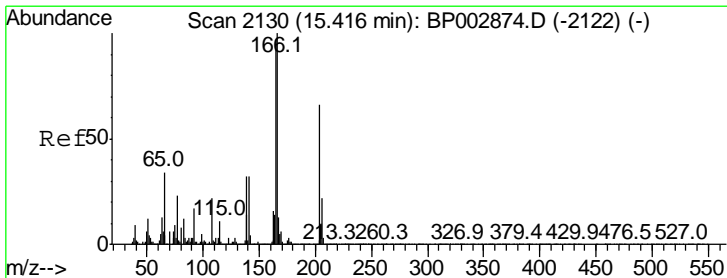
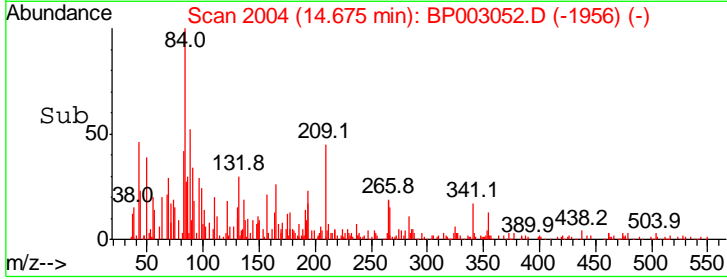
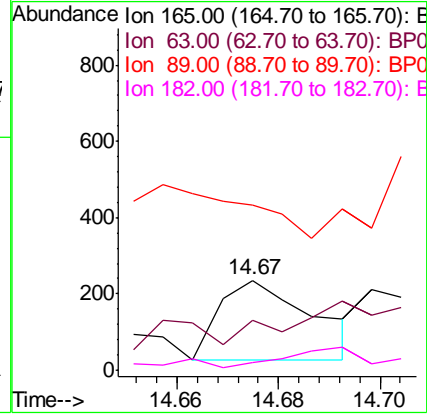
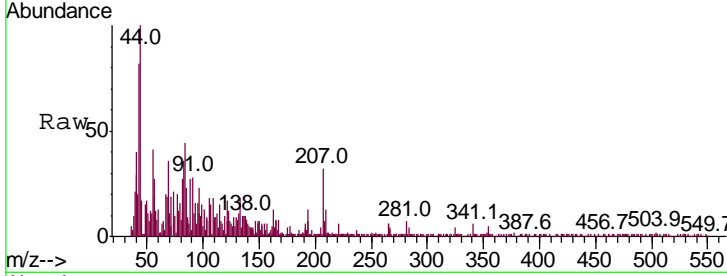




#57
 2,4-Dinitrotoluene
 Concen: 3.819 ng
 RT: 14.67 min Scan# 2004
 Delta R.T. -0.02 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

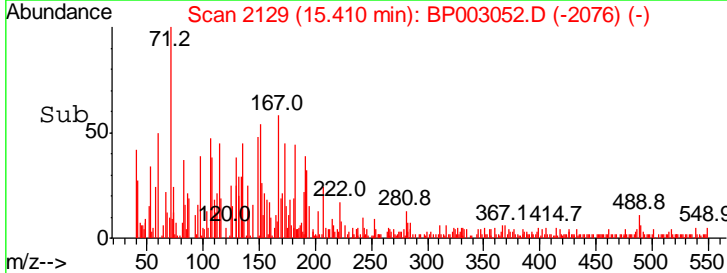
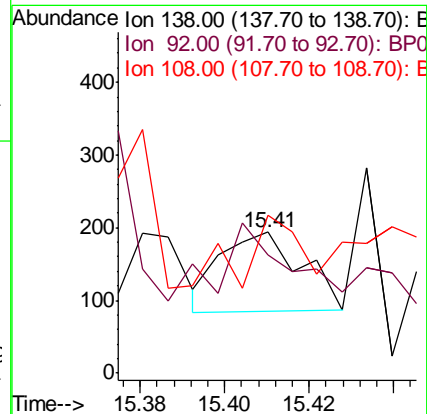
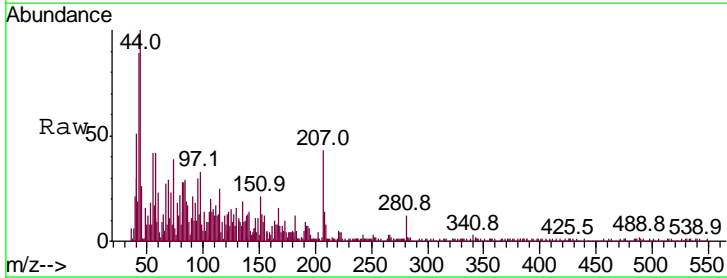
Instrument :
 BNA_P
 ClientSampled :
 20200516-2801-D

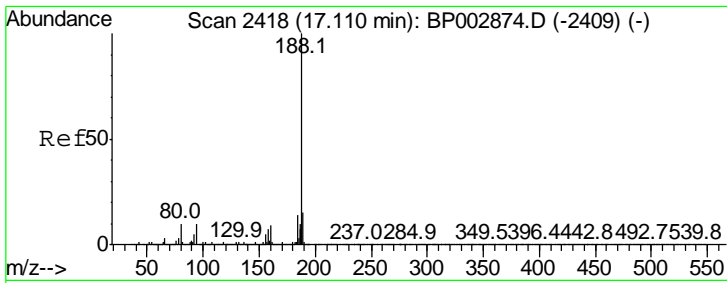
Tgt Ion	Ratio	Lower	Upper
165	100		
63	55.9	20.6	31.0#
89	183.5	43.4	65.0#
182	8.5	2.3	3.5#



#62
 4-Nitroaniline
 Concen: 2.425 ng
 RT: 15.41 min Scan# 2129
 Delta R.T. 0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	83.5	21.4	61.4#
108	112.4	40.8	80.8#



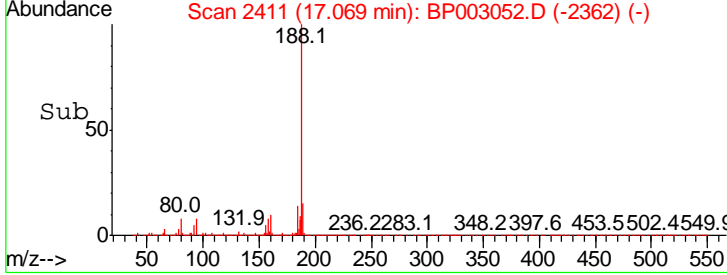
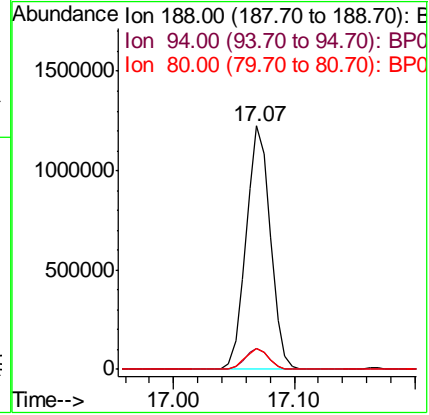
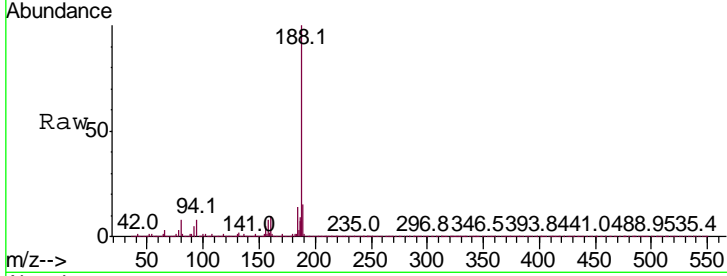


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.07 min Scan# 2411
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Instrument :
 BNA_P
 ClientSampleId :
 20200516-2801-D

Tgt Ion:188 Resp: 1713412

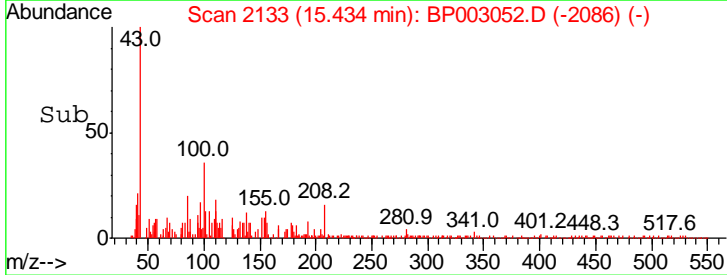
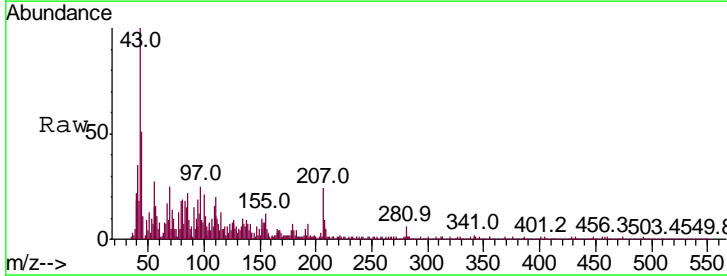
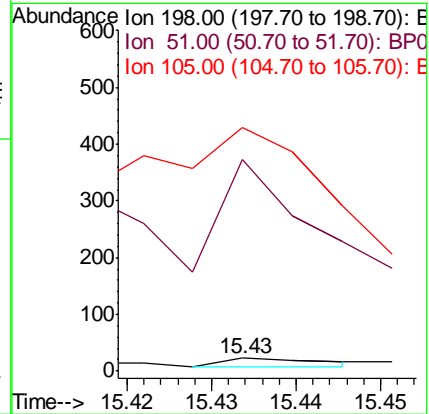
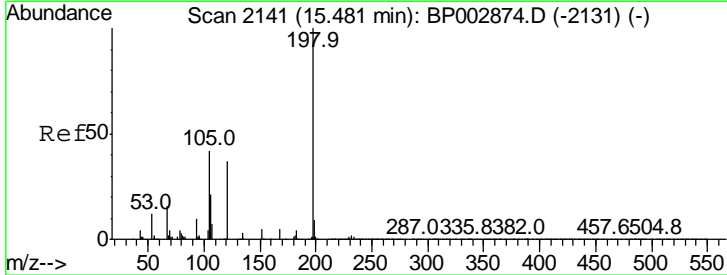
Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.1	10.7
80	8.3	6.7	10.1

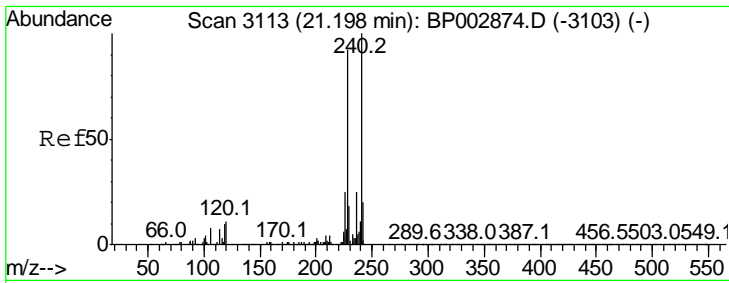


#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.901 ng
 RT: 15.43 min Scan# 2133
 Delta R.T. -0.02 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion:198 Resp: 13

Ion	Ratio	Lower	Upper
198	100		
51	1617.4	6.2	46.2#
105	1865.2	19.9	59.9#

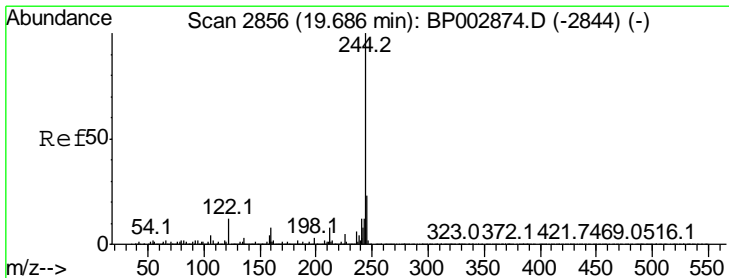
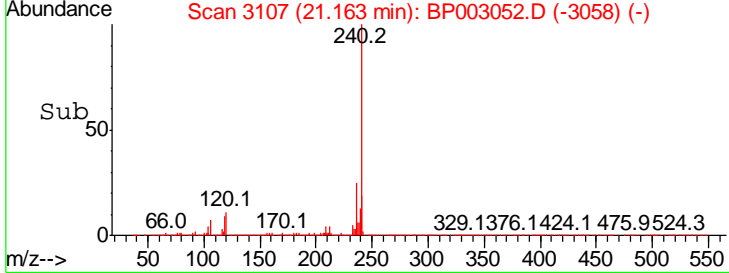
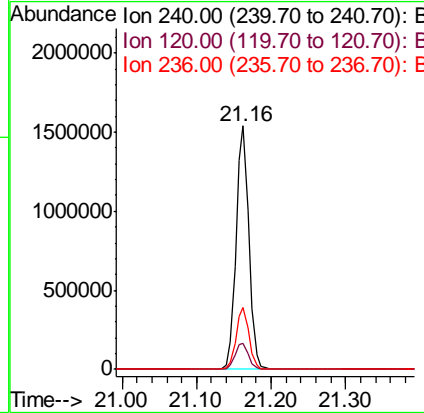
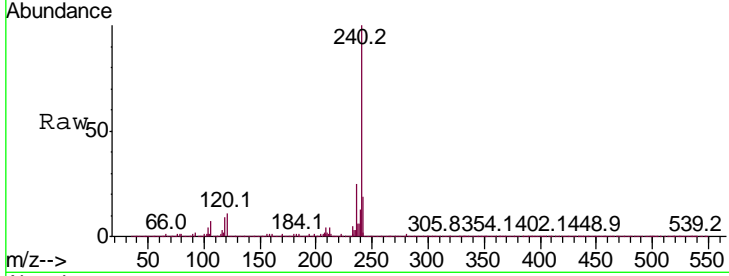




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.16 min Scan# 3107
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

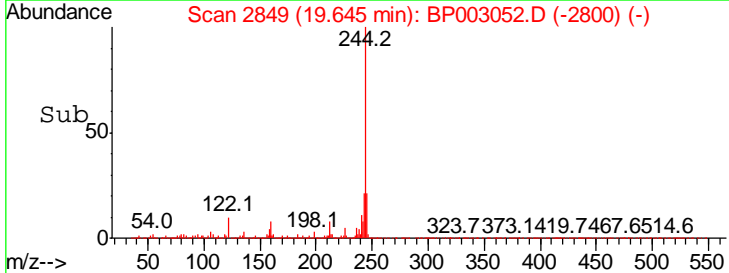
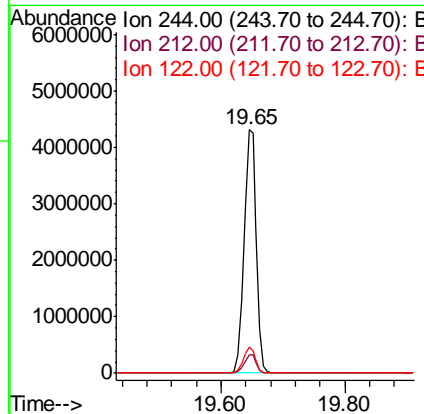
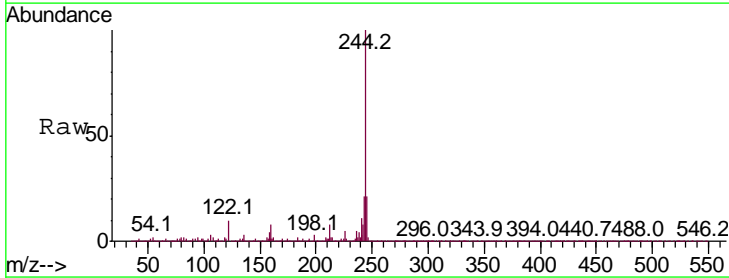
Instrument :
 BNA_P
 ClientSampleId :
 20200516-2801-D

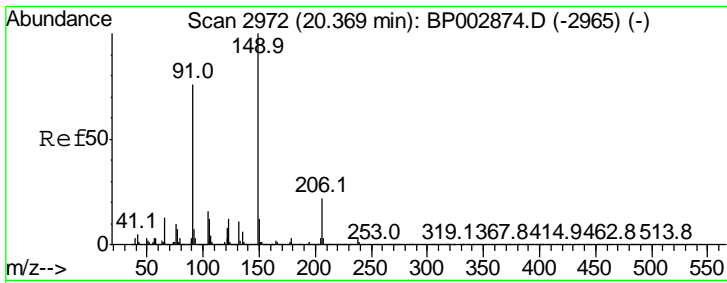
Tgt Ion	Resp	Lower	Upper
240	1853293		
120	10.7	9.5	14.3
236	25.5	20.8	31.2



#79
 Terphenyl-d14
 Concen: 63.706 ng
 RT: 19.65 min Scan# 2849
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Resp	Lower	Upper
244	5897483		
212	7.7	6.3	9.5
122	10.4	8.7	13.1

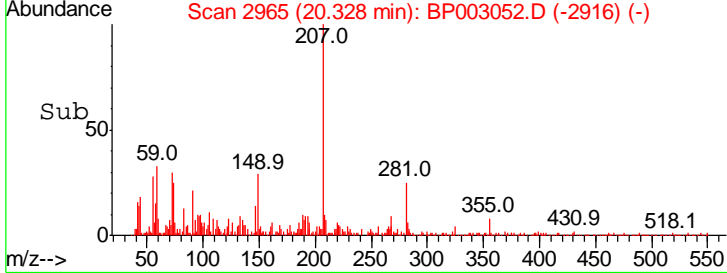
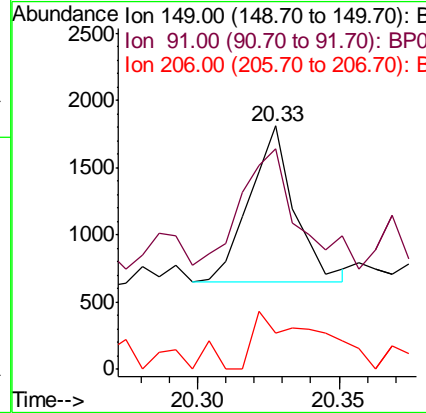
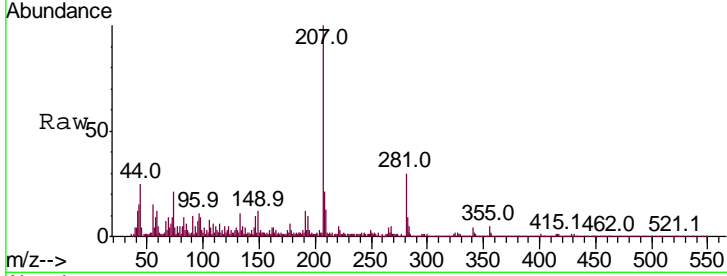




#80
 Butylbenzylphthalate
 Concen: 3.081 ng
 RT: 20.33 min Scan# 2965
 Delta R.T. -0.01 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Instrument :
 BNA_P
 ClientSampleId :
 20200516-2801-D

Tgt Ion	Resp	Lower	Upper
149	100		
91	90.7	45.3	67.9#
206	15.0	17.5	26.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.40 min Scan# 3488
 Delta R.T. -0.02 min
 Lab File: BP003052.D
 Acq: 20 Aug 2020 02:17

Tgt Ion	Resp	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	17.3	25.9

