

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005328.D
 Acq On : 16 Apr 2021 20:30
 Operator : CG/JU
 Sample : M2016-03RE 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TOTE-1750RE

Quant Time: Apr 17 00:44:02 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 16 11:02:58 2021
 Response via : Initial Calibration

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

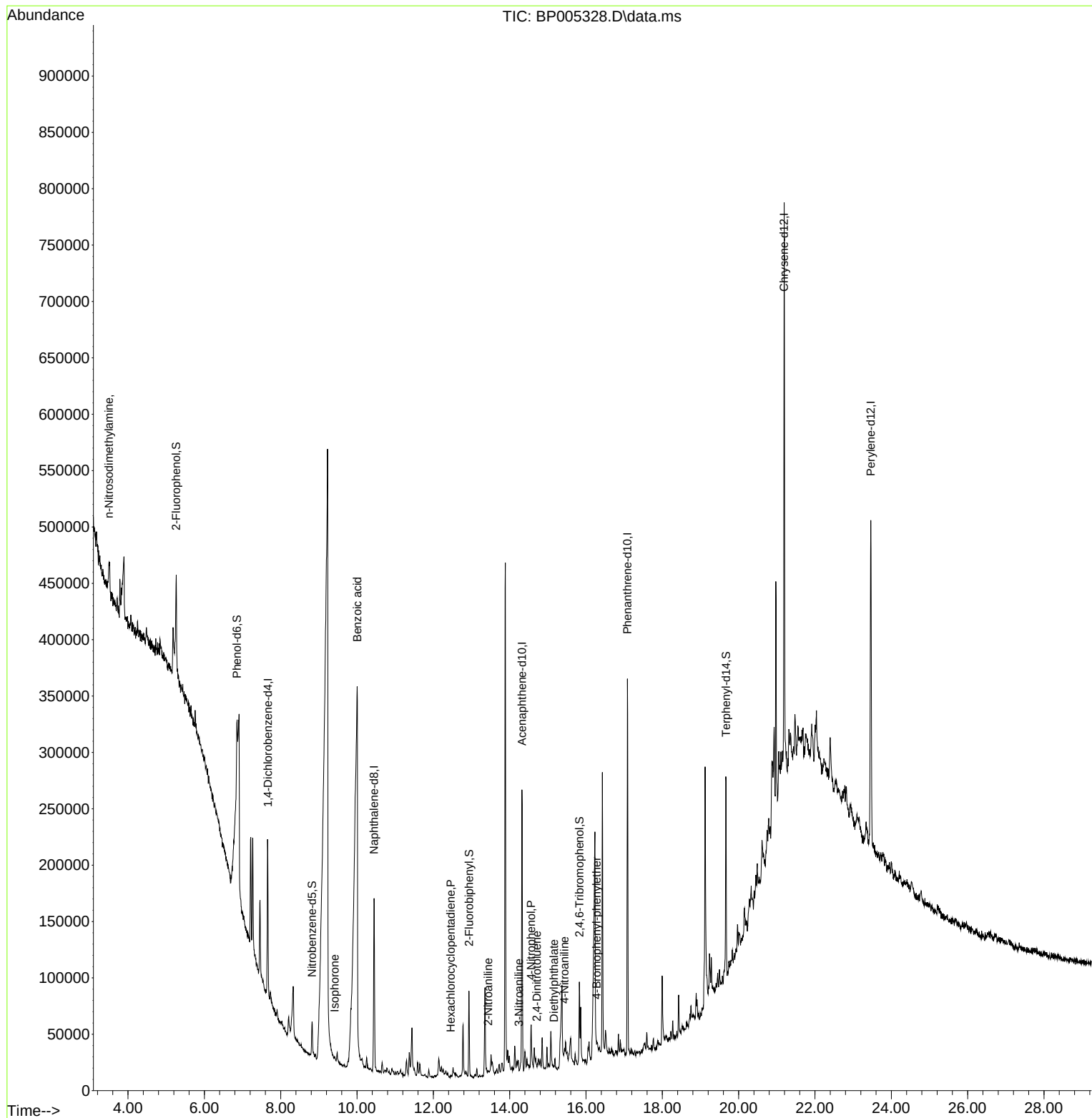
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	35263	20.00	ng	0.00
21) Naphthalene-d8	10.446	136	105435	20.00	ng	0.00
39) Acenaphthene-d10	14.322	164	68379	20.00	ng	0.00
64) Phenanthrene-d10	17.086	188	177776	20.00	ng	0.00
76) Chrysene-d12	21.192	240	213282	20.00	ng	0.00
86) Perylene-d12	23.462	264	206894	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	25296	8.75	ng	0.00
7) Phenol-d6	6.852	99	29636	8.86	ng	0.00
23) Nitrobenzene-d5	8.822	82	17847	5.23	ng	0.00
42) 2,4,6-Tribromophenol	15.828	330	12097	13.31	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	32056	6.23	ng	0.00
79) Terphenyl-d14	19.669	244	72542	6.72	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.499	42	3854	3.82	ng	# 1
25) Isophorone	9.410	82	158	2.63	ng	# 14
32) Benzoic acid	10.004	122	318222	373.93	ng	88
41) Hexachlorocyclopentadiene	12.457	237	7	7.80	ng	# 1
48) 2-Nitroaniline	13.439	65	328	4.27	ng	# 56
53) 3-Nitroaniline	14.245	138	71	3.17	ng	# 75
56) 4-Nitrophenol	14.563	139	162	6.16	ng	# 1
57) 2,4-Dinitrotoluene	14.710	165	20	3.43	ng	# 1
60) Diethylphthalate	15.157	149	185	4.17	ng	# 77
62) 4-Nitroaniline	15.439	138	2550	6.14	ng	# 5
67) 4-Bromophenyl-phenylether	16.281	248	11	3.45	ng	# 1

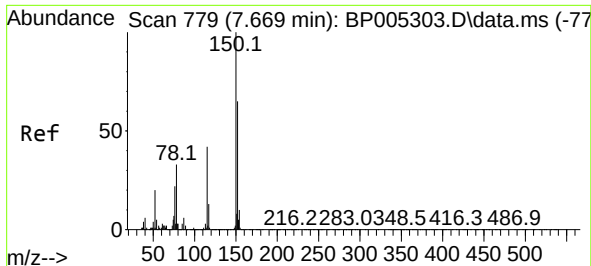
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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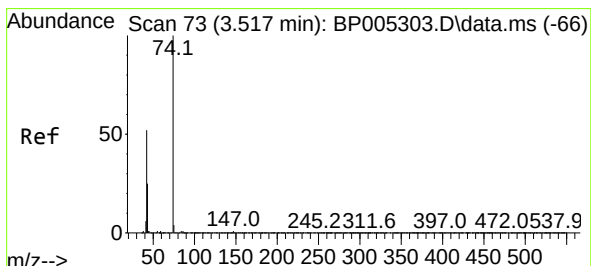
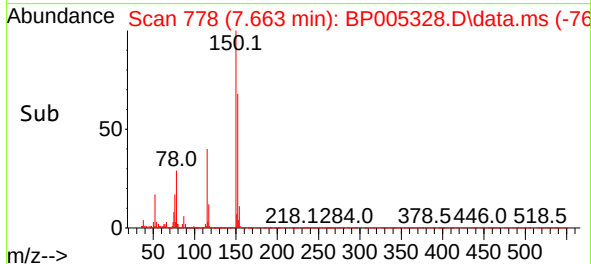
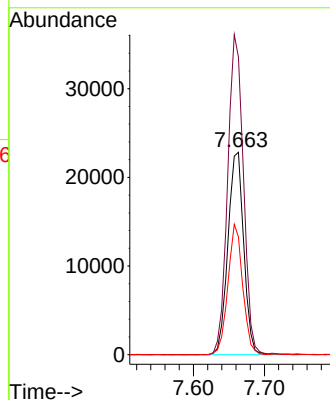
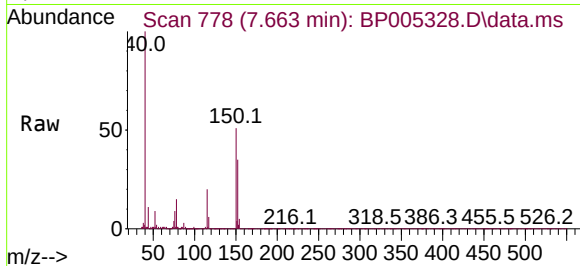




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

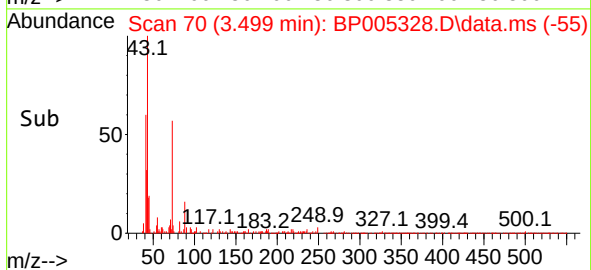
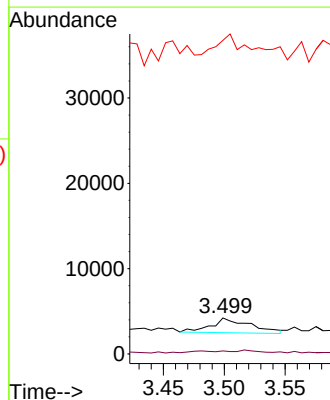
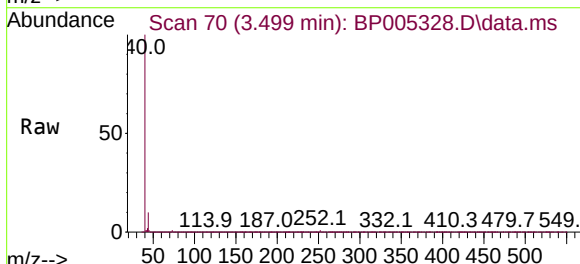
Instrument :
BNA_P
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TOTE-1750RE

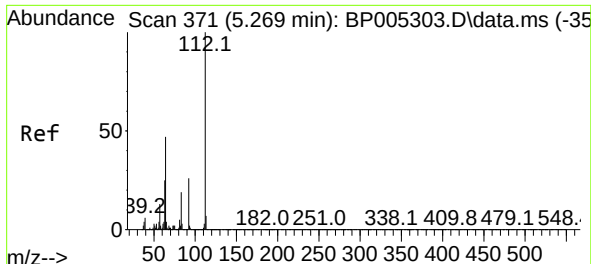
Tgt Ion:152 Resp: 35263
Ion Ratio Lower Upper
152 100
150 147.0 122.9 184.3
115 58.2 52.2 78.2



#4
n-Nitrosodimethylamine
Concen: 3.82 ng
RT: 3.499 min Scan# 70
Delta R.T. -0.012 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion: 42 Resp: 3854
Ion Ratio Lower Upper
42 100
74 8.4 139.0 208.6#
44 871.7 135.8 203.8#

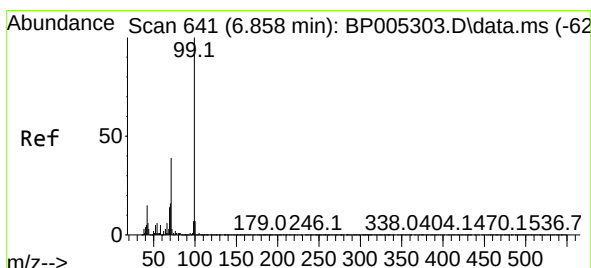
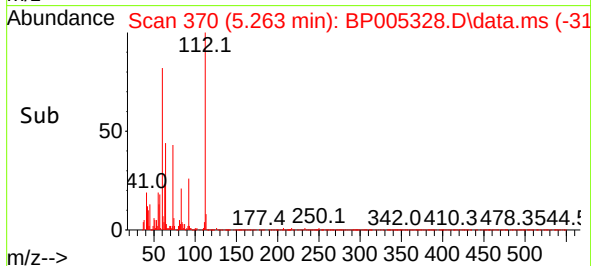
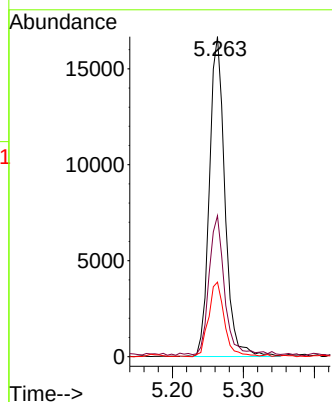
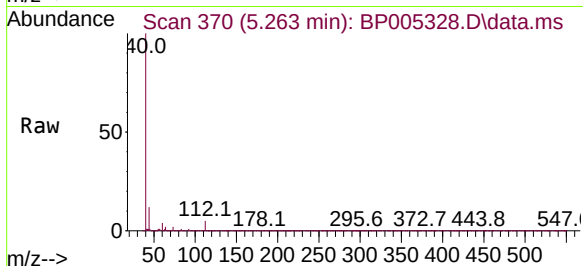




#5
2-Fluorophenol
Concen: 8.75 ng
RT: 5.263 min Scan# 370
Delta R.T. -0.000 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

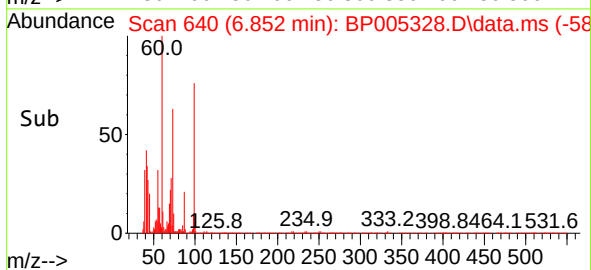
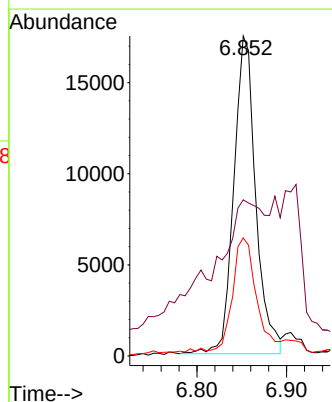
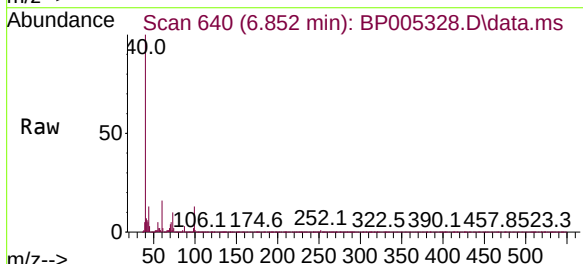
Instrument :
BNA_P
ClientSampleId :
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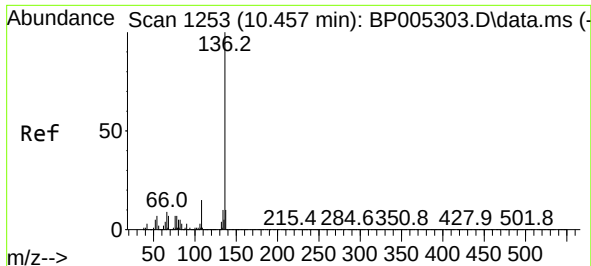
Tgt Ion:	112	Resp:	25296
Ion Ratio	Lower	Upper	
112	100		
64	44.0	37.6	56.4
63	23.3	20.4	30.6



#7
Phenol-d6
Concen: 8.86 ng
RT: 6.852 min Scan# 640
Delta R.T. -0.000 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:	99	Resp:	29636
Ion Ratio	Lower	Upper	
99	100		
42	48.8	12.0	18.0#
71	36.9	31.4	47.2

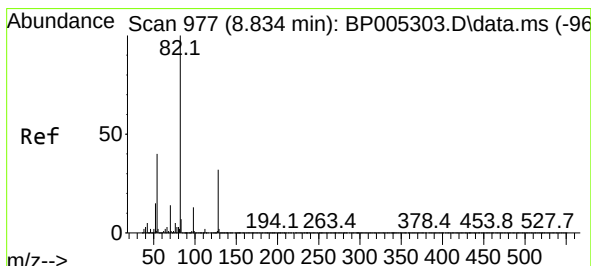
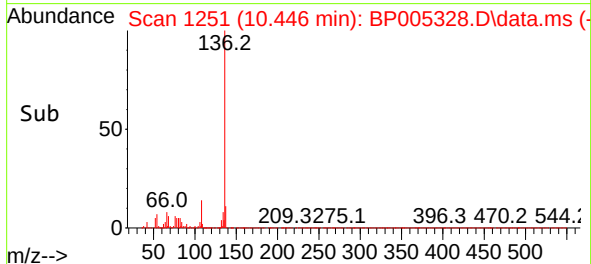
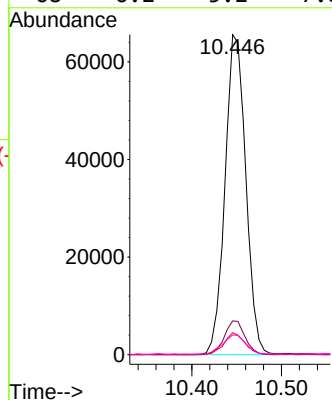
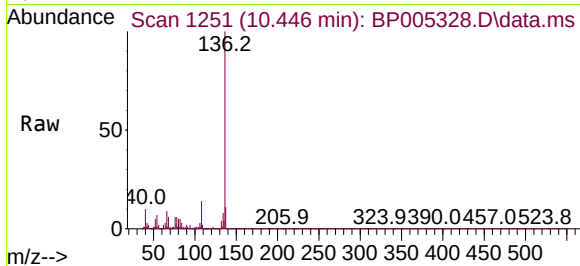




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.446 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

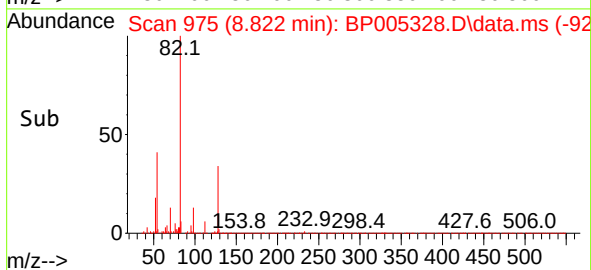
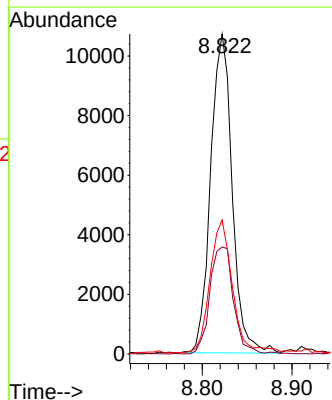
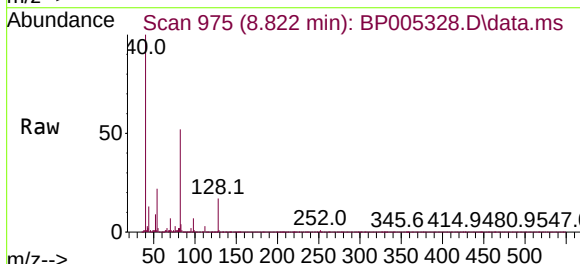
Instrument :
BNA_P
ClientSampleId :
TOTE-1750RE

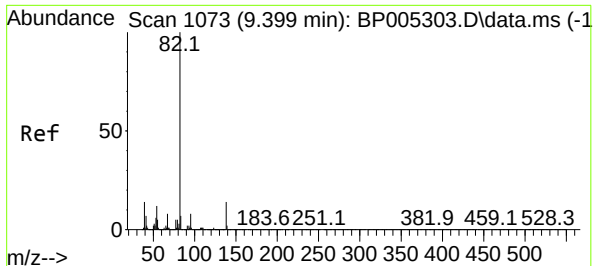
Tgt Ion:	136	Resp:	105435
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.4	12.6
54	6.9	5.8	8.8
68	6.2	5.2	7.8



#23
Nitrobenzene-d5
Concen: 5.23 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:	82	Resp:	17847
Ion Ratio	Lower	Upper	
82	100		
128	33.4	25.3	37.9
54	41.8	31.7	47.5

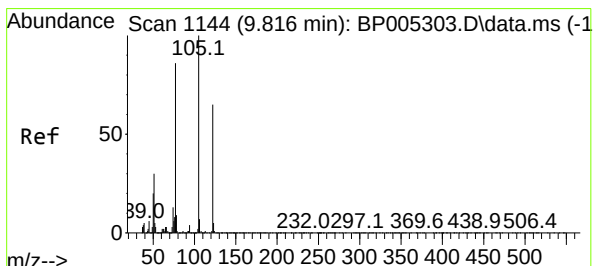
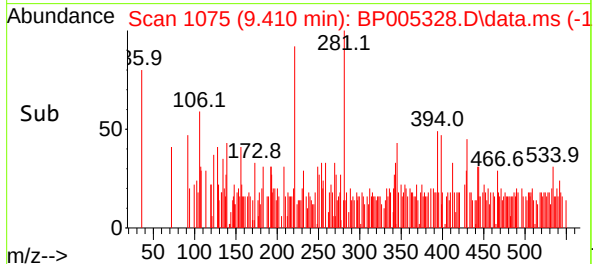
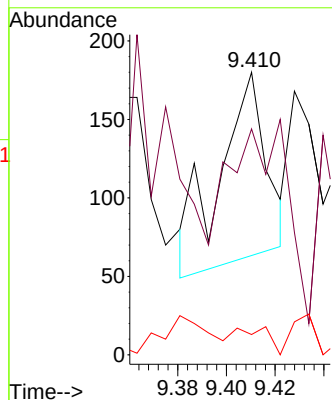
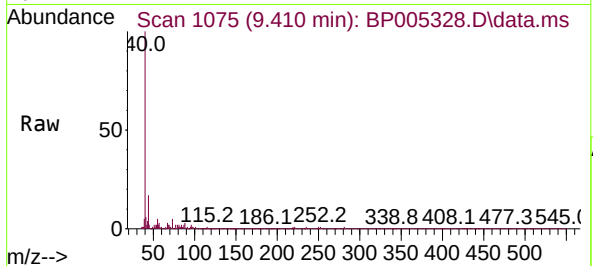




#25
Isophorone
Concen: 2.63 ng
RT: 9.410 min Scan# 1075
Delta R.T. 0.018 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

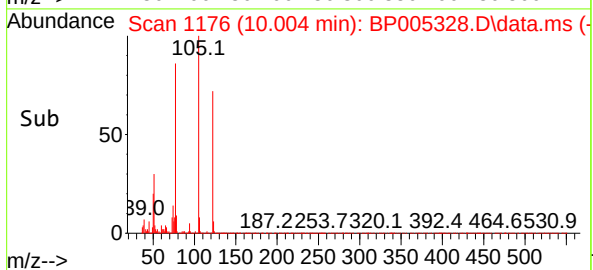
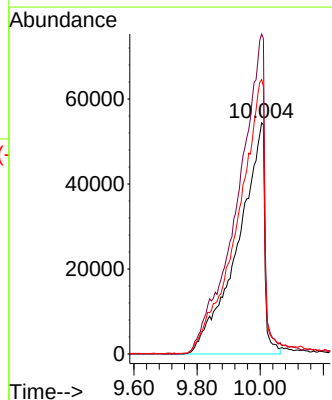
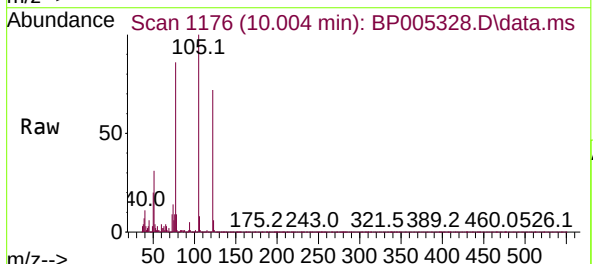
Instrument :
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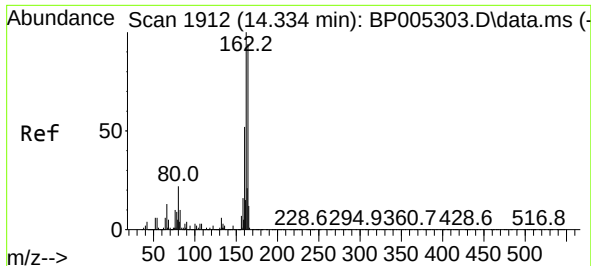
Tgt Ion: 82 Resp: 158
Ion Ratio Lower Upper
82 100
95 80.0 6.6 10.0#
138 7.2 11.0 16.6#



#32
Benzoic acid
Concen: 373.93 ng
RT: 10.004 min Scan# 1176
Delta R.T. 0.200 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion: 122 Resp: 318222
Ion Ratio Lower Upper
122 100
105 138.5 133.2 173.2
77 118.7 112.8 152.8

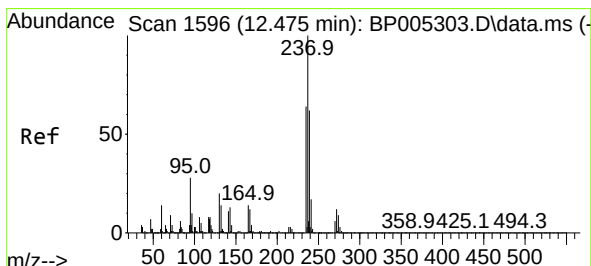
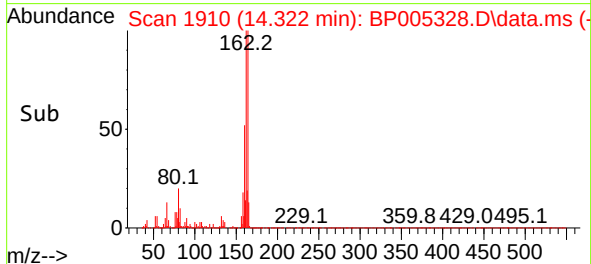
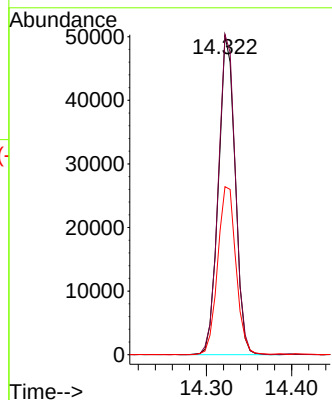
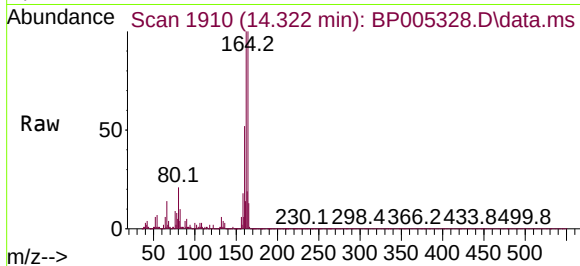




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.322 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

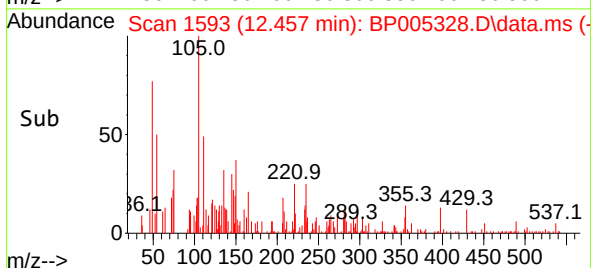
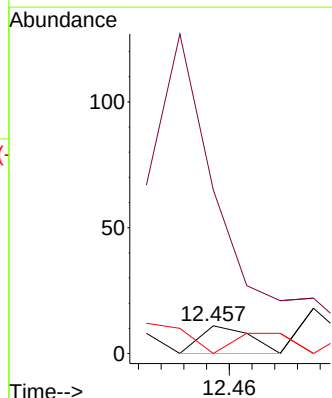
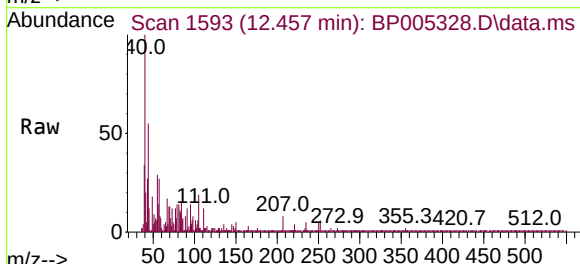
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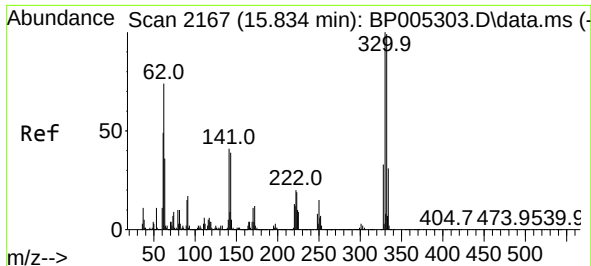
Tgt Ion:164 Resp: 68379
Ion Ratio Lower Upper
164 100
162 100.3 84.8 127.2
160 52.6 44.2 66.4



#41
Hexachlorocyclopentadiene
Concen: 7.80 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.012 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:237 Resp: 7
Ion Ratio Lower Upper
237 100
235 590.9 44.0 84.0#
272 0.0 0.0 31.7

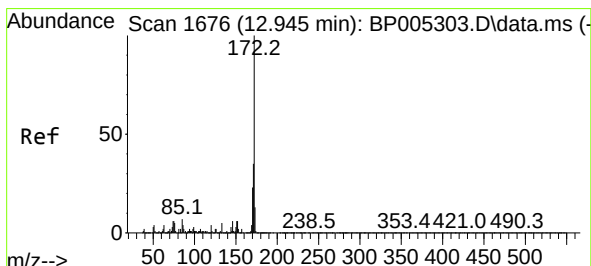
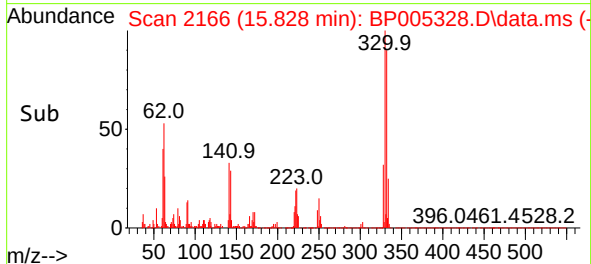
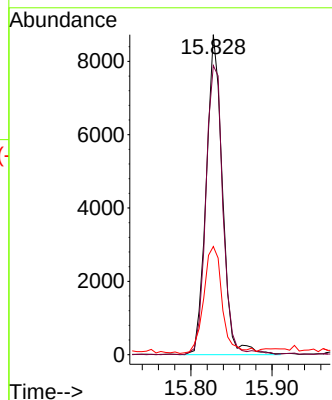
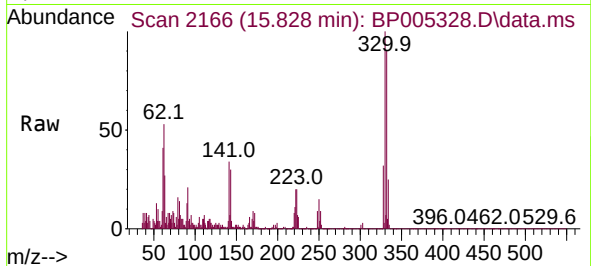




#42
2,4,6-Tribromophenol
Concen: 13.31 ng
RT: 15.828 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

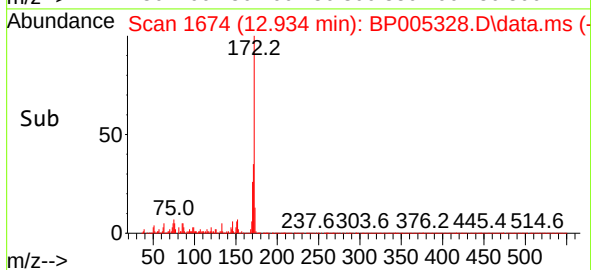
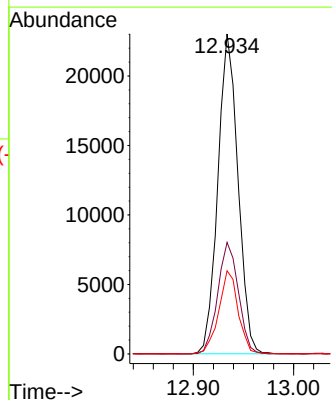
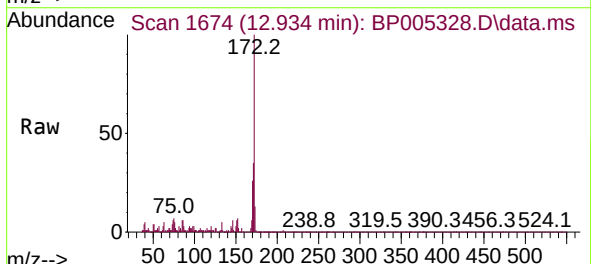
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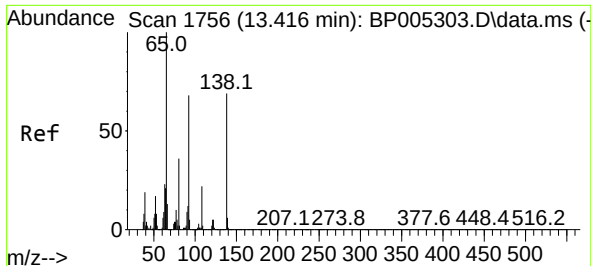
Tgt Ion:330 Resp: 12097
Ion Ratio Lower Upper
330 100
332 94.1 78.6 118.0
141 37.6 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 6.23 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:172 Resp: 32056
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.8
170 26.0 18.7 28.1

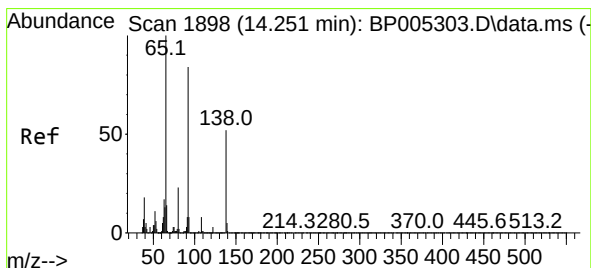
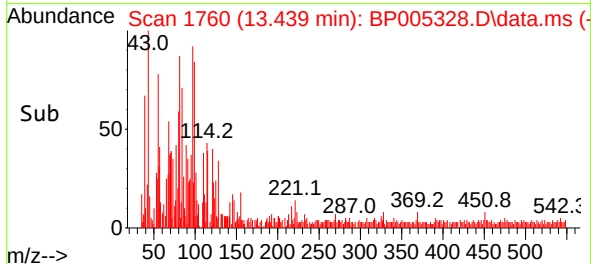
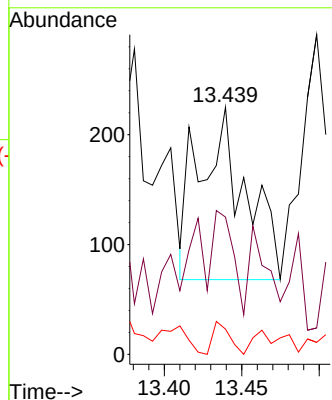
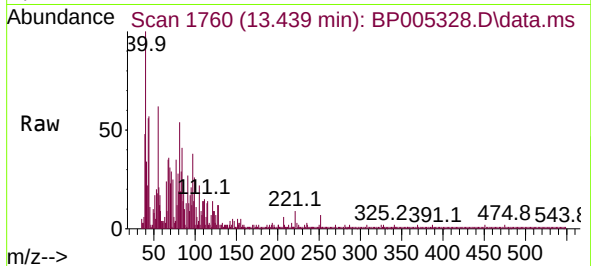




#48
2-Nitroaniline
Concen: 4.27 ng
RT: 13.439 min Scan# 1760
Delta R.T. 0.029 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

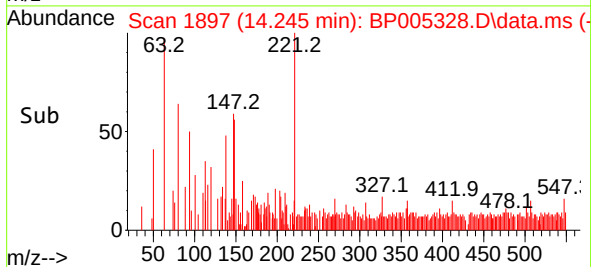
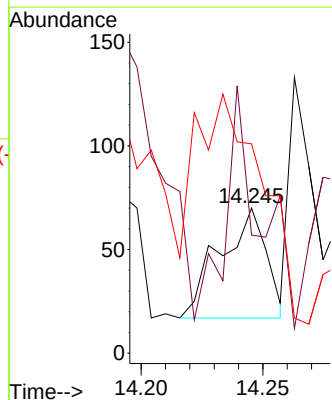
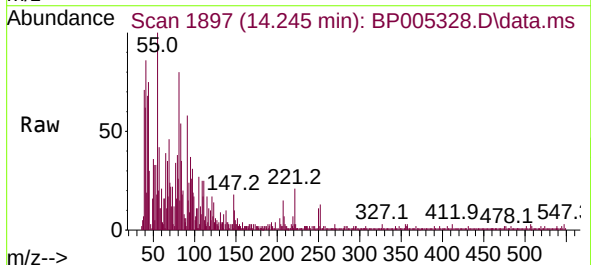
Instrument :
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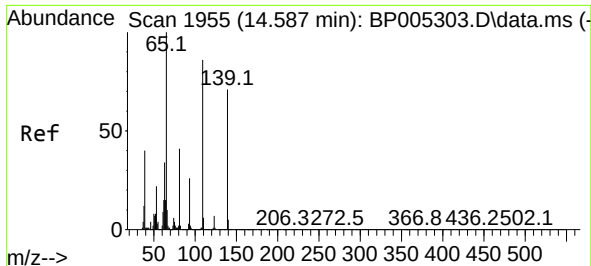
Tgt Ion: 65 Resp: 328
Ion Ratio Lower Upper
65 100
92 55.6 54.6 82.0
138 10.2 55.4 83.0#



#53
3-Nitroaniline
Concen: 3.17 ng
RT: 14.245 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:138 Resp: 71
Ion Ratio Lower Upper
138 100
108 81.4 11.8 17.8#
92 144.3 129.0 193.4

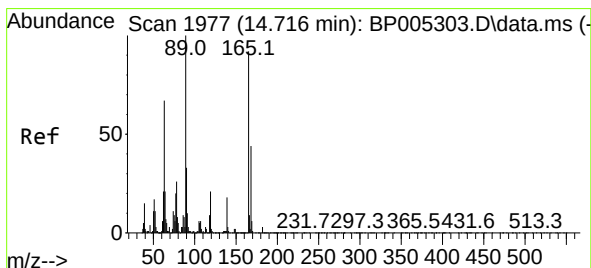
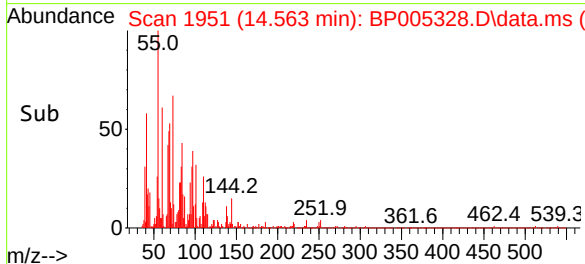
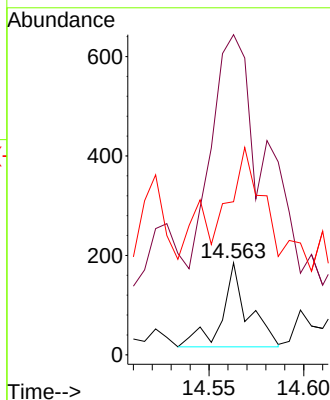
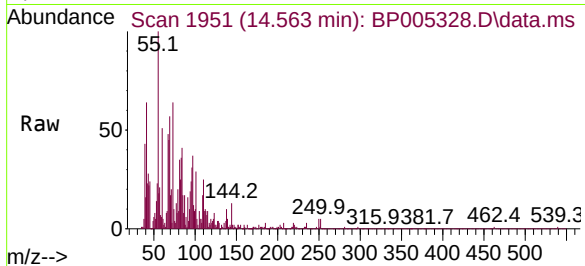




#56
4-Nitrophenol
Concen: 6.16 ng
RT: 14.563 min Scan# 1951
Delta R.T. -0.018 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

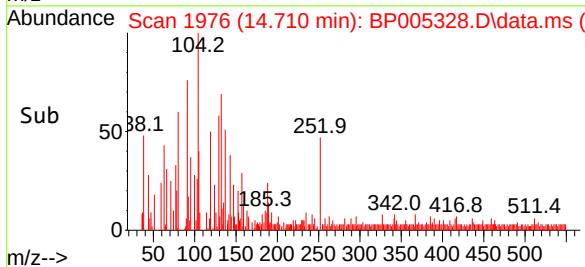
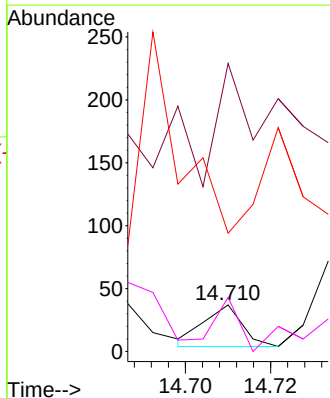
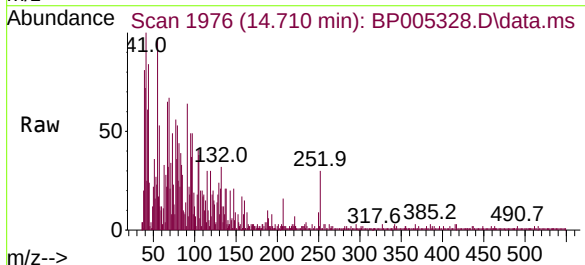
Instrument :
BNA_P
ClientSampleId :
TOTE-1750RE

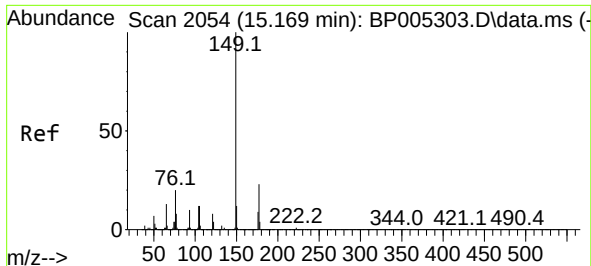
Tgt Ion:	139	Resp:	162
Ion	Ratio	Lower	Upper
139	100		
109	348.1	101.8	141.8#
65	166.5	121.3	161.3#



#57
2,4-Dinitrotoluene
Concen: 3.43 ng
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:	165	Resp:	20
Ion	Ratio	Lower	Upper
165	100		
63	618.9	58.3	87.5#
89	254.1	87.0	130.4#
182	116.2	2.6	4.0#

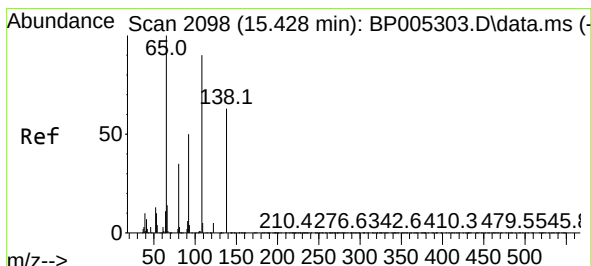
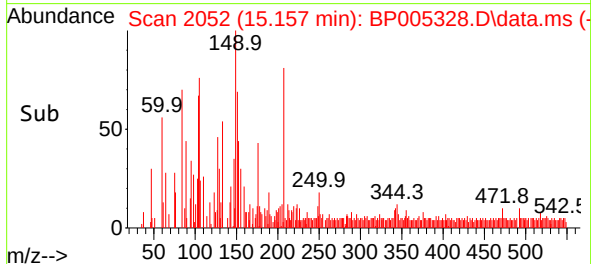
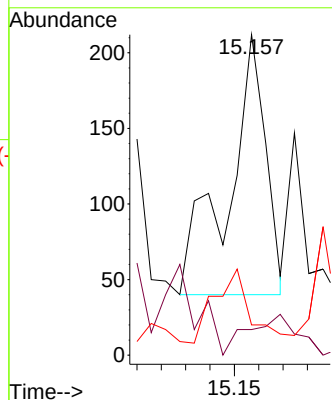
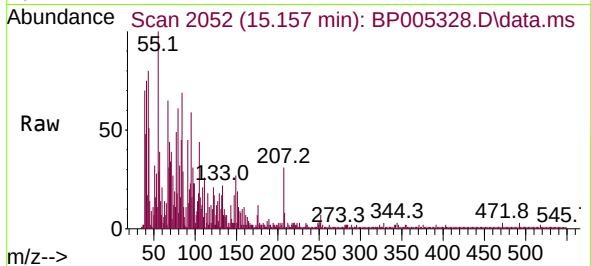




#60
Diethylphthalate
Concen: 4.17 ng
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

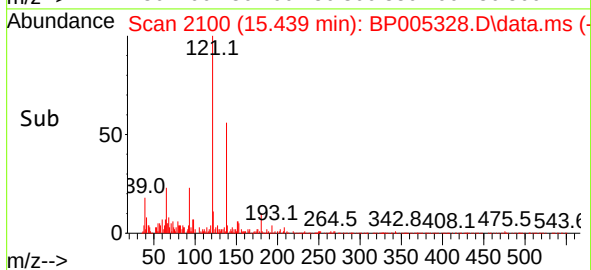
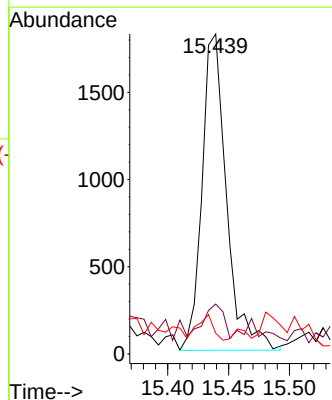
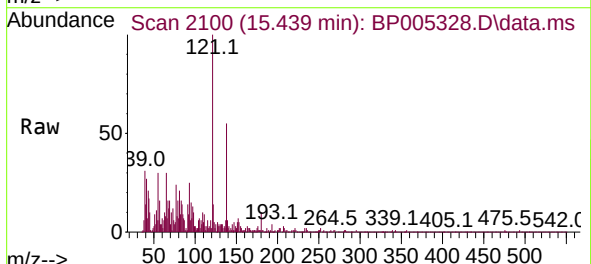
Instrument :
BNA_P
ClientSampleId :
TOTE-1750RE

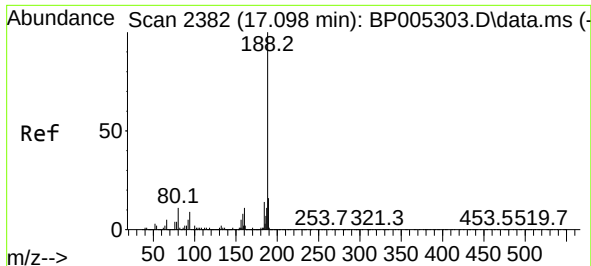
Tgt Ion:	149	Resp:	185
Ion Ratio	Lower	Upper	
149	100		
177	8.0	18.6	27.8#
150	9.4	9.8	14.8#



#62
4-Nitroaniline
Concen: 6.14 ng
RT: 15.439 min Scan# 2100
Delta R.T. 0.018 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:	138	Resp:	2550
Ion Ratio	Lower	Upper	
138	100		
92	15.6	57.0	97.0#
108	6.5	115.8	155.8#

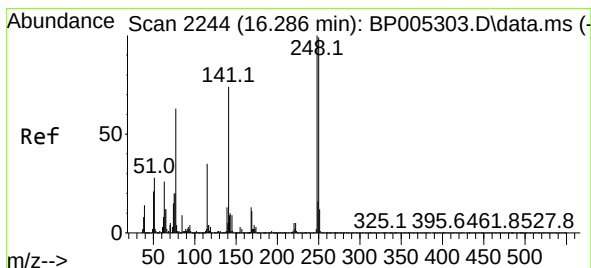
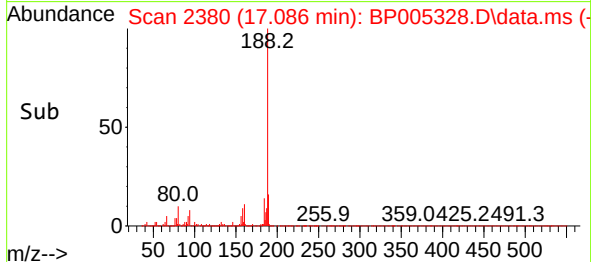
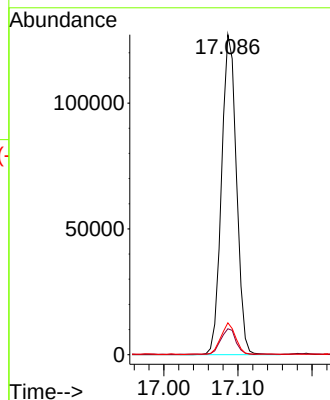
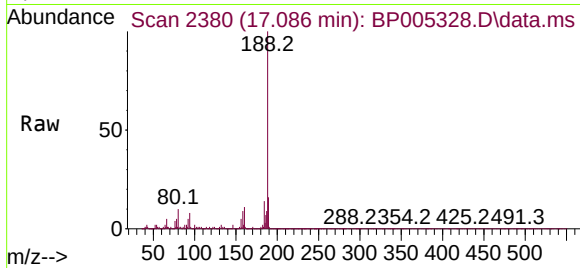




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.086 min Scan# 2380
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

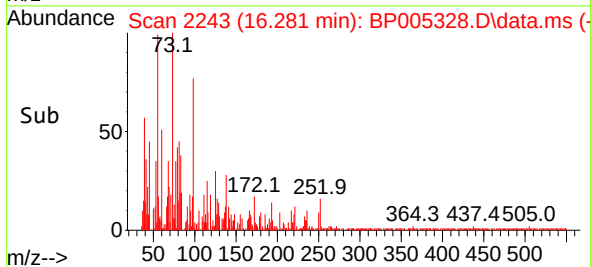
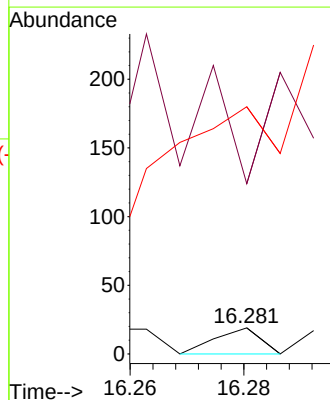
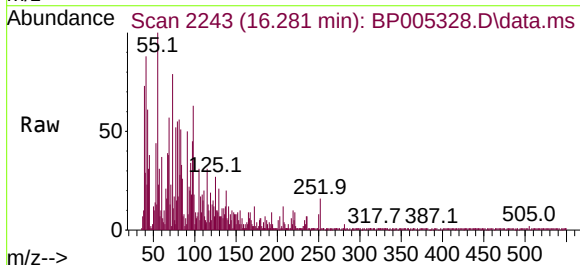
Instrument :
BNA_P
ClientSampleId :
TOTE-1750RE

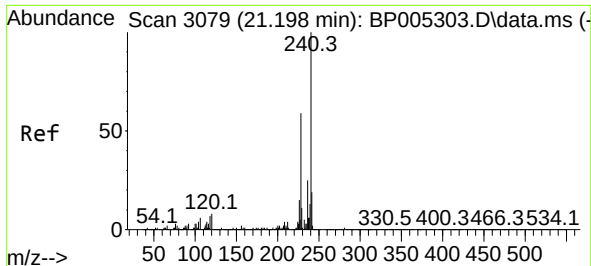
Tgt Ion:188 Resp: 177776
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 10.0 8.4 12.6



#67
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 16.281 min Scan# 2243
Delta R.T. -0.000 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:248 Resp: 11
Ion Ratio Lower Upper
248 100
250 652.6 79.0 118.6#
141 947.4 59.0 88.4#

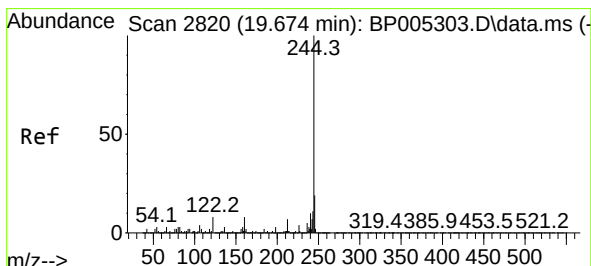
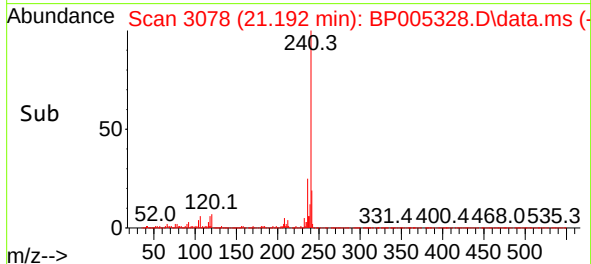
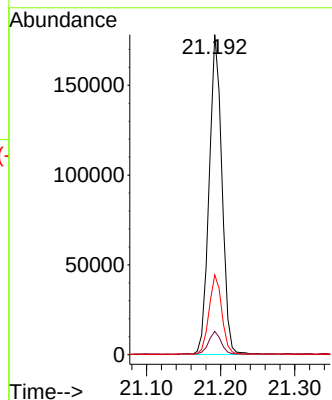
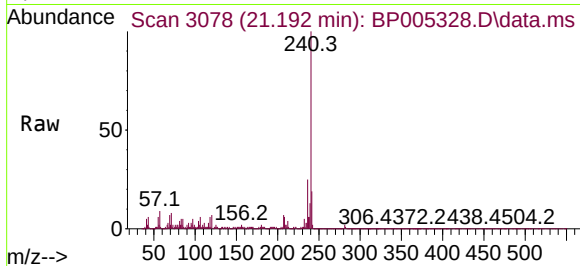




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.192 min Scan# 3078
Delta R.T. -0.006 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

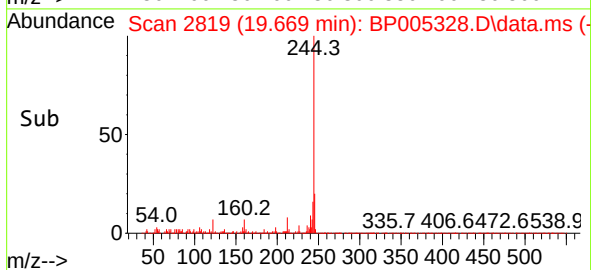
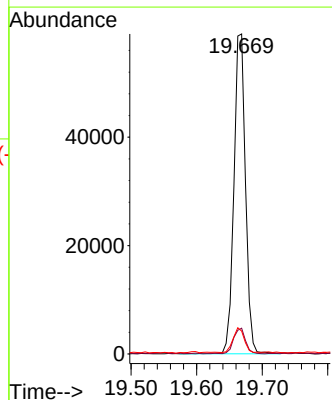
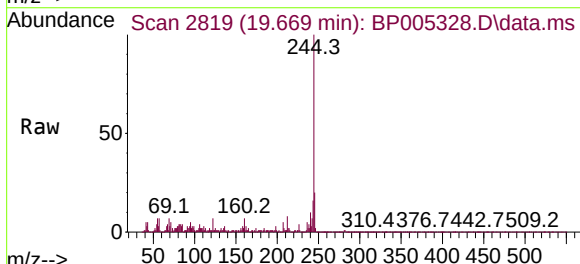
Instrument :
BNA_P
ClientSampleId :
TOTE-1750RE

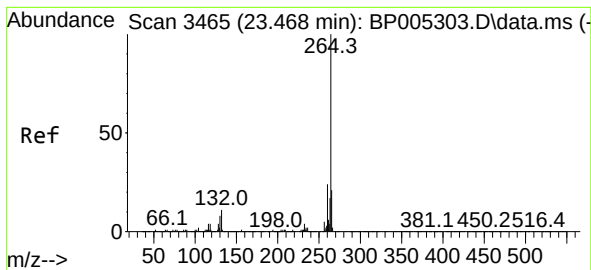
Tgt Ion:240 Resp: 213282
Ion Ratio Lower Upper
240 100
120 7.3 6.5 9.7
236 25.0 19.8 29.6



#79
Terphenyl-d14
Concen: 6.72 ng
RT: 19.669 min Scan# 2819
Delta R.T. -0.000 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Tgt Ion:244 Resp: 72542
Ion Ratio Lower Upper
244 100
212 8.0 5.8 8.6
122 7.2 6.7 10.1





#86
Perylene-d12
Concen: 20.00 ng
RT: 23.462 min Scan# 3464
Delta R.T. -0.000 min
Lab File: BP005328.D
Acq: 16 Apr 2021 20:30

Instrument :
BNA_P
ClientSampleId :
TOTE-1750RE

Tgt Ion:264 Resp: 206894

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.5	17.0	25.6

