

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041621\
 Data File : BP005325.D
 Acq On : 16 Apr 2021 18:48
 Operator : CG/JU
 Sample : M1966-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-122

Quant Time: Apr 17 00:43:06 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)

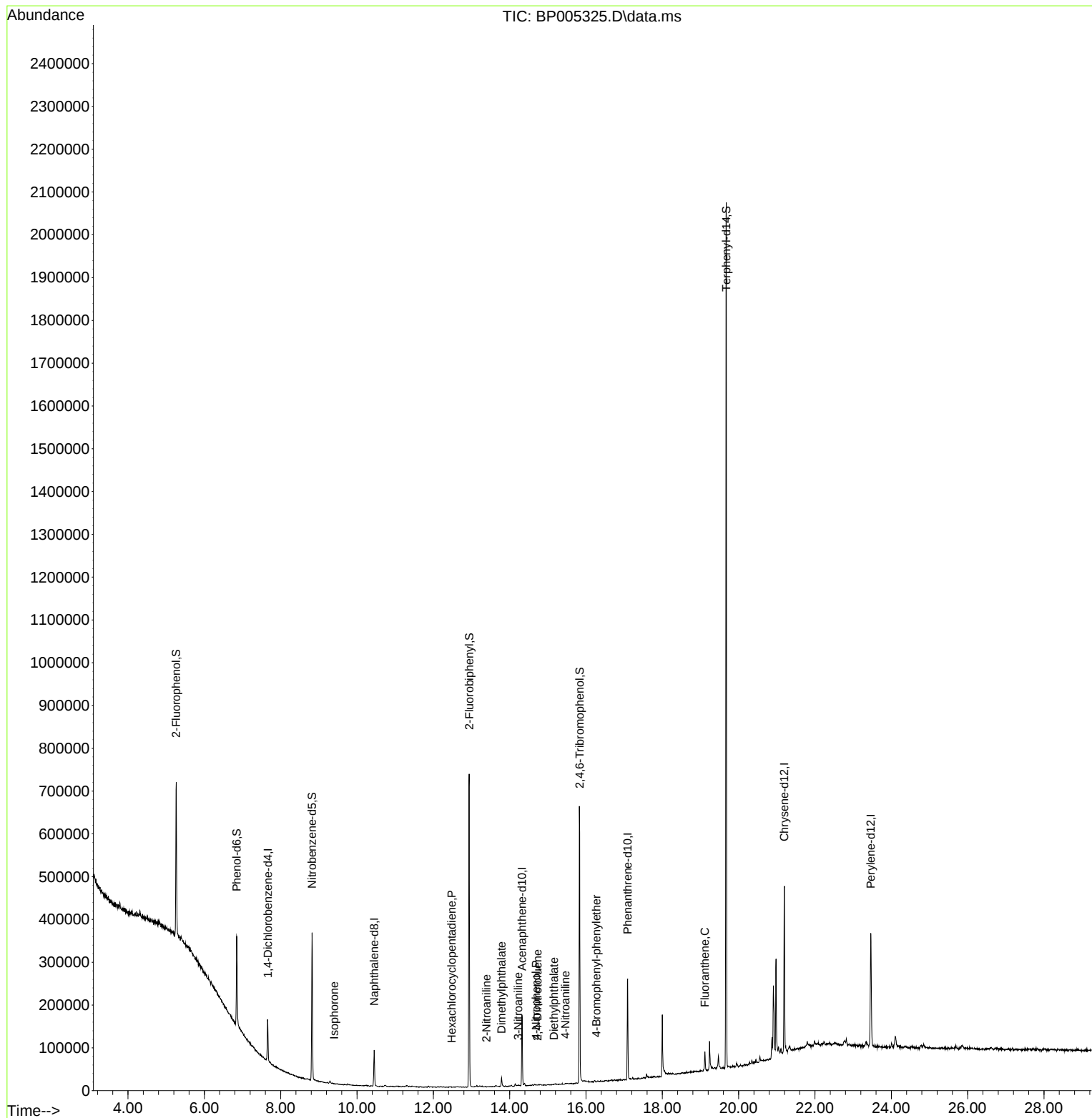
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	24899	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	58951	20.00	ng	0.00
39) Acenaphthene-d10	14.322	164	43173	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	126174	20.00	ng	0.00
76) Chrysene-d12	21.198	240	177759	20.00	ng	# 0.00
86) Perylene-d12	23.463	264	180862	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	165200	80.90	ng	0.00
7) Phenol-d6	6.846	99	112416	47.60	ng	0.00
23) Nitrobenzene-d5	8.822	82	191499	100.32	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	106897	186.27	ng	0.00
45) 2-Fluorobiphenyl	12.940	172	311122	95.72	ng	0.00
79) Terphenyl-d14	19.674	244	846045	94.01	ng	0.00
Target Compounds						
						Qvalue
25) Isophorone	9.399	82	131	2.64	ng	# 77
41) Hexachlorocyclopentadiene	12.481	237	5	7.80	ng	# 1
48) 2-Nitroaniline	13.392	65	53	4.10	ng	# 33
50) Dimethylphthalate	13.787	163	10414	3.68	ng	# 94
53) 3-Nitroaniline	14.222	138	32	3.15	ng	# 36
56) 4-Nitrophenol	14.692	139	109	6.17	ng	91
57) 2,4-Dinitrotoluene	14.728	165	89	3.49	ng	# 64
60) Diethylphthalate	15.157	149	670	4.33	ng	# 85
62) 4-Nitroaniline	15.463	138	100	4.07	ng	95
67) 4-Bromophenyl-phenylether	16.275	248	13	3.46	ng	# 1
75) Fluoranthene	19.116	202	22215	2.51	ng	93

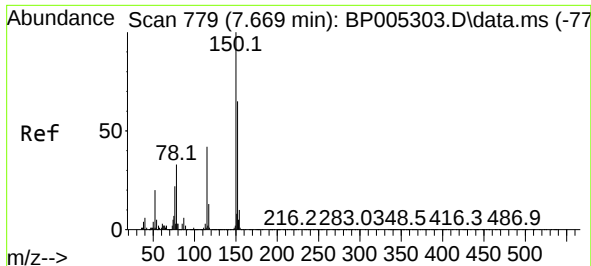
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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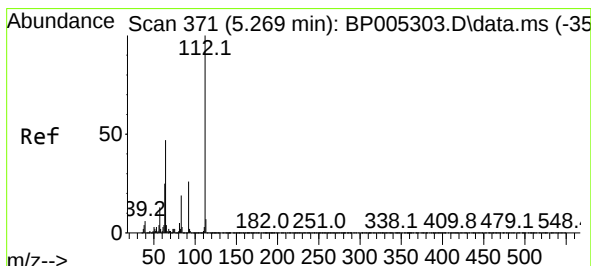
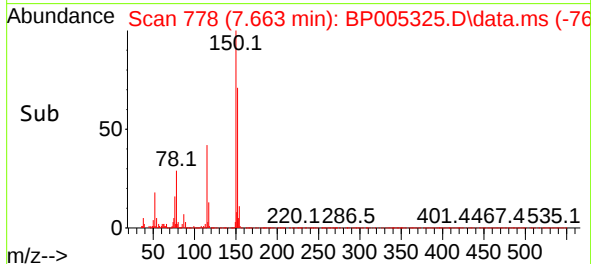
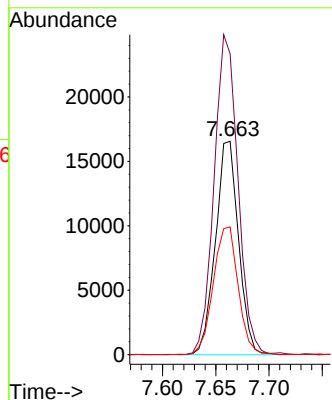
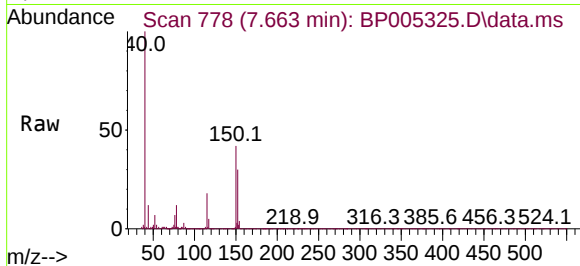




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

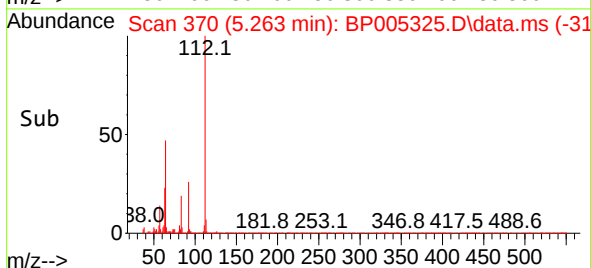
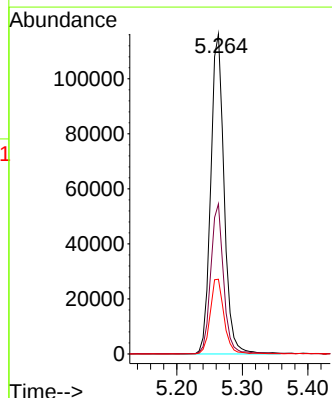
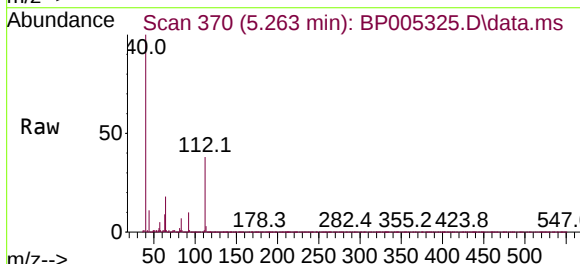
Instrument :
BNA_P
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MW-122

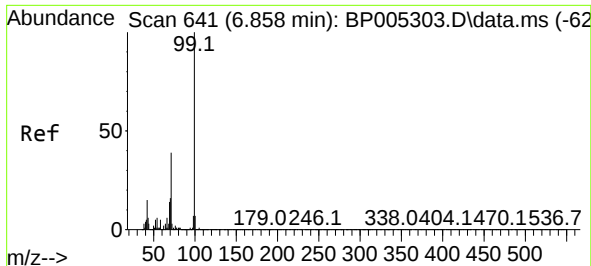
Tgt Ion:152 Resp: 24899
Ion Ratio Lower Upper
152 100
150 140.9 122.9 184.3
115 59.8 52.2 78.2



#5
2-Fluorophenol
Concen: 80.90 ng
RT: 5.263 min Scan# 370
Delta R.T. 0.000 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:112 Resp: 165200
Ion Ratio Lower Upper
112 100
64 46.9 37.6 56.4
63 23.4 20.4 30.6

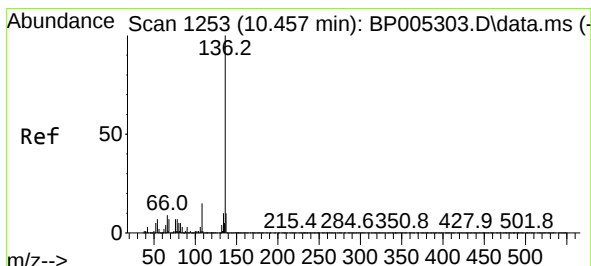
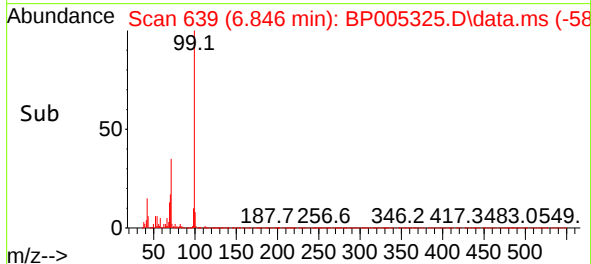
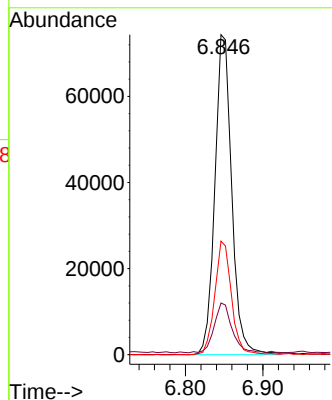
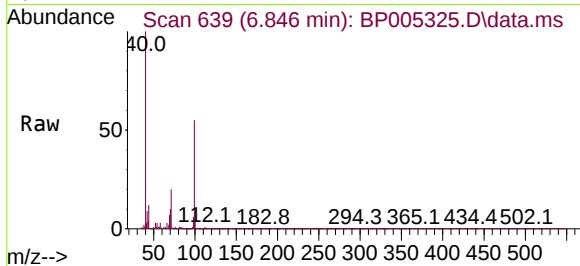




#7
Phenol-d6
Concen: 47.60 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.006 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

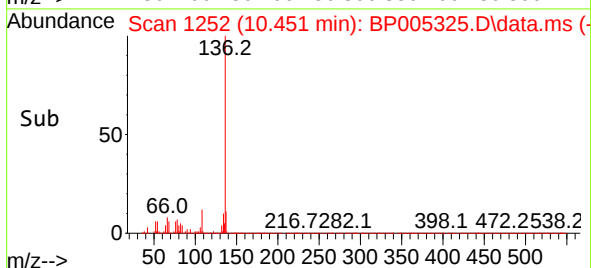
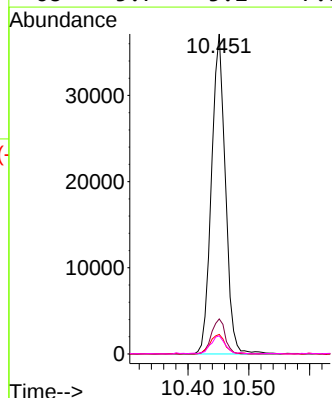
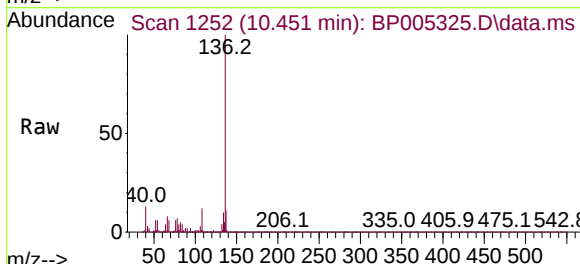
Instrument :
BNA_P
ClientSampleId :
MW-122

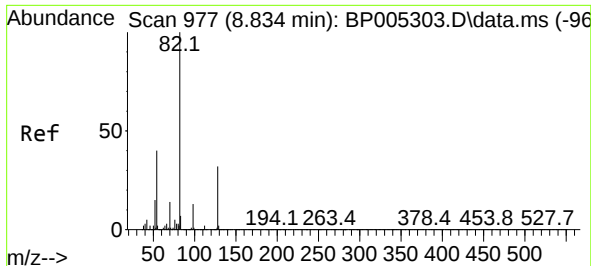
Tgt Ion: 99 Resp: 112416
Ion Ratio Lower Upper
99 100
42 16.1 12.0 18.0
71 35.5 31.4 47.2



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion: 136 Resp: 58951
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 6.1 5.8 8.8
68 5.7 5.2 7.8

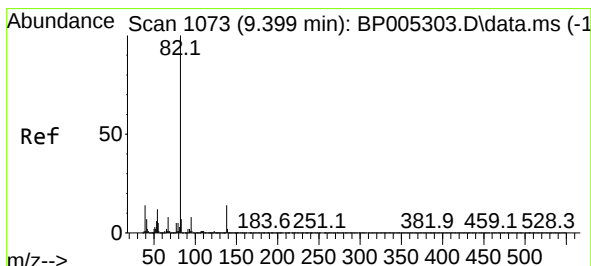
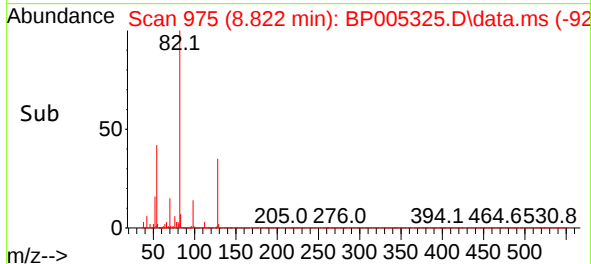
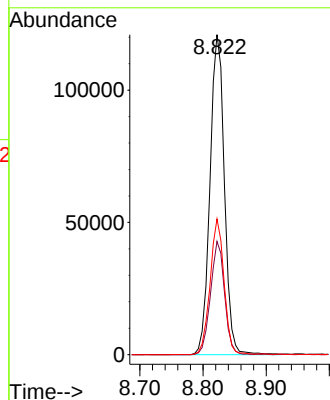
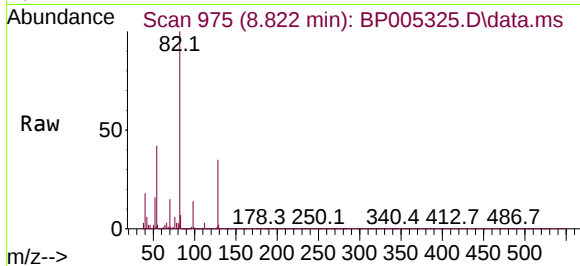




#23
Nitrobenzene-d5
Concen: 100.32 ng
RT: 8.822 min Scan# 975
Delta R.T. -0.006 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

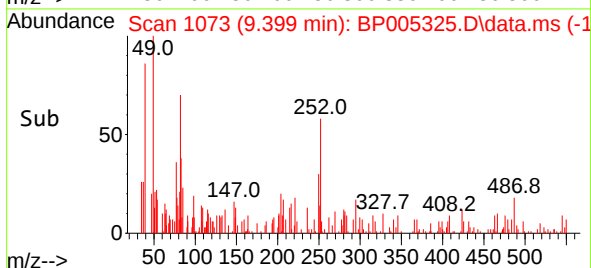
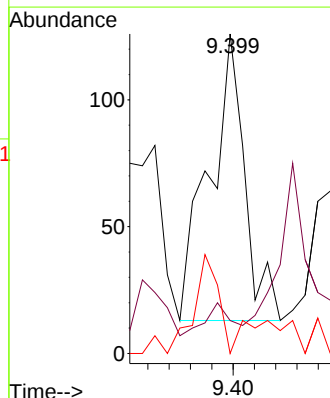
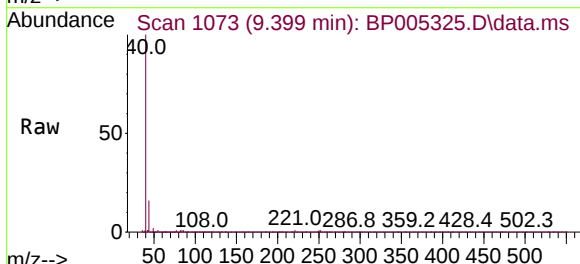
Instrument :
BNA_P
ClientSampleId :
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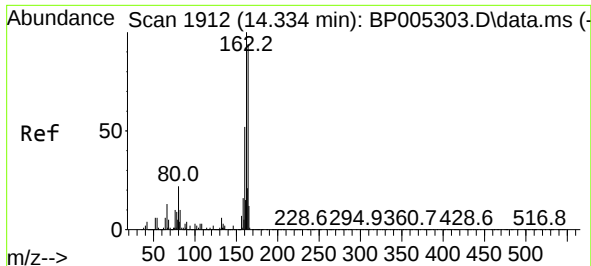
Tgt Ion: 82 Resp: 191499
Ion Ratio Lower Upper
82 100
128 35.4 25.3 37.9
54 42.4 31.7 47.5



#25
Isophorone
Concen: 2.64 ng
RT: 9.399 min Scan# 1073
Delta R.T. 0.006 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion: 82 Resp: 131
Ion Ratio Lower Upper
82 100
95 10.3 6.6 10.0#
138 0.0 11.0 16.6#

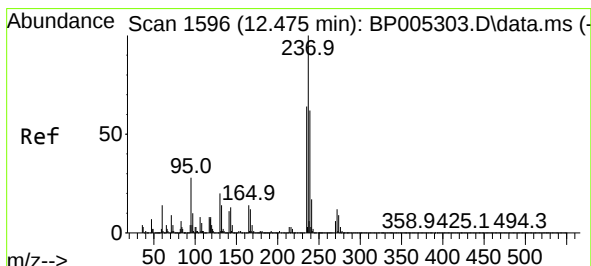
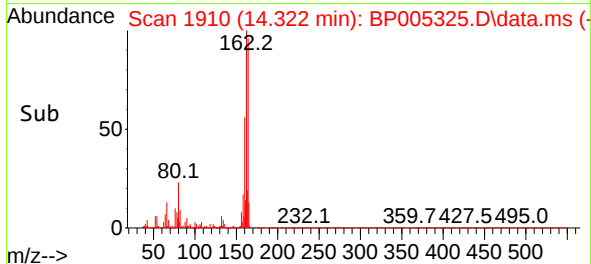
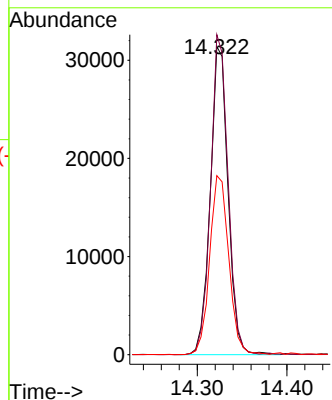
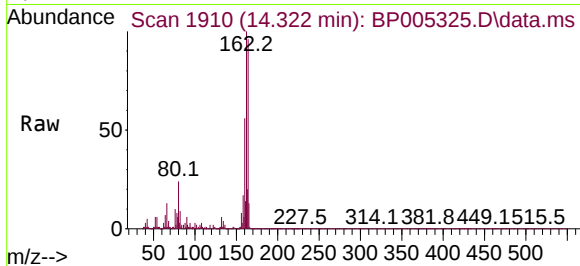




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.322 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

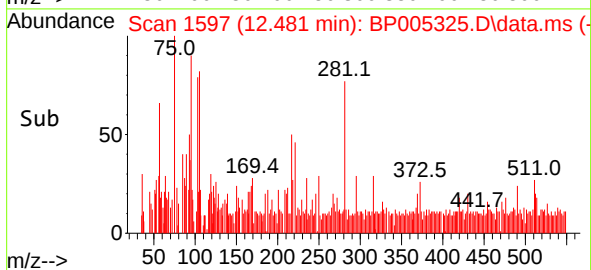
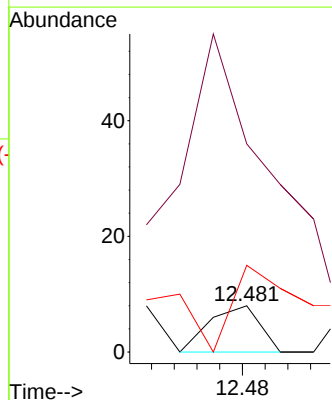
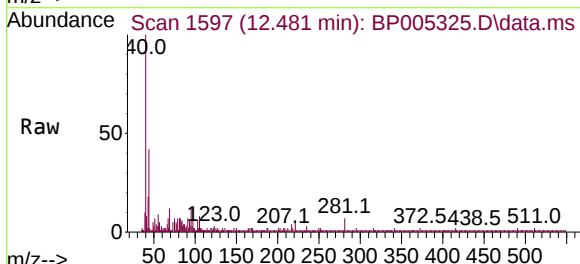
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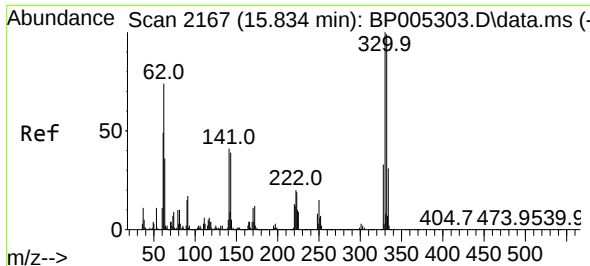
Tgt Ion:164 Resp: 43173
Ion Ratio Lower Upper
164 100
162 103.8 84.8 127.2
160 58.1 44.2 66.4



#41
Hexachlorocyclopentadiene
Concen: 7.80 ng
RT: 12.481 min Scan# 1597
Delta R.T. 0.012 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:237 Resp: 5
Ion Ratio Lower Upper
237 100
235 450.0 44.0 84.0#
272 187.5 0.0 31.7#

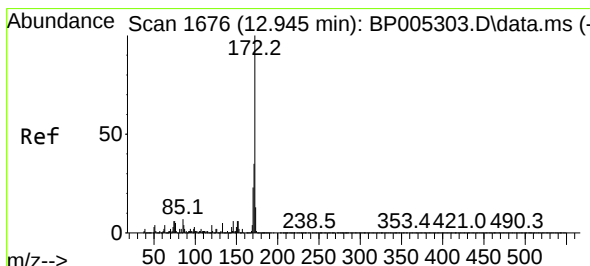
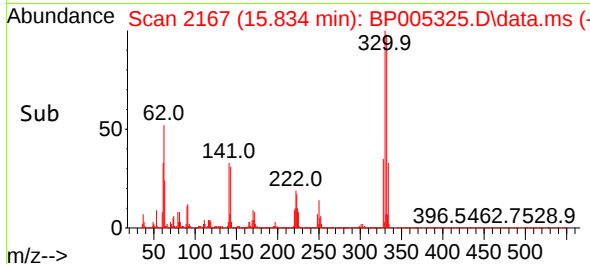
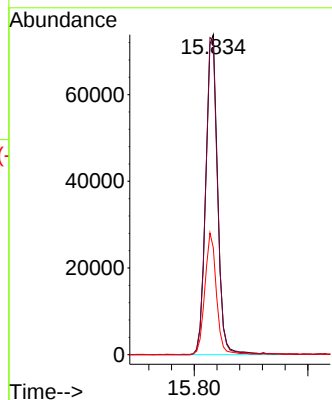
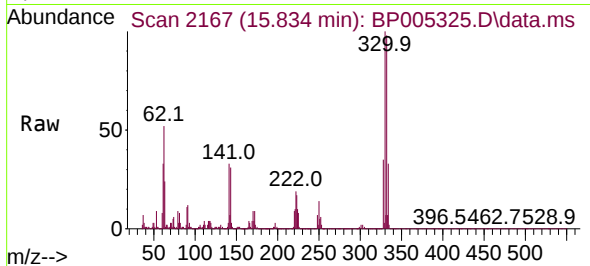




#42
2,4,6-Tribromophenol
Concen: 186.27 ng
RT: 15.834 min Scan# 2167
Delta R.T. 0.000 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

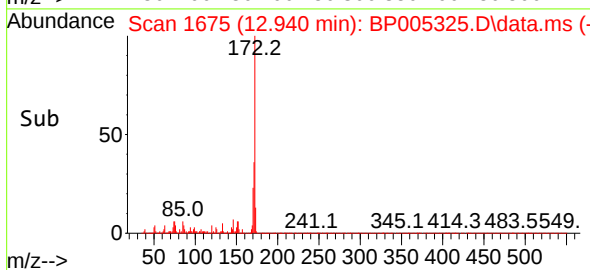
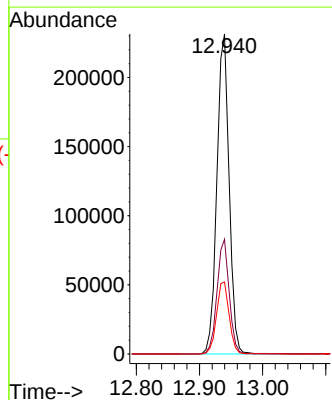
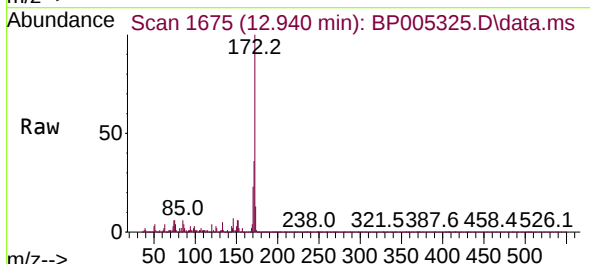
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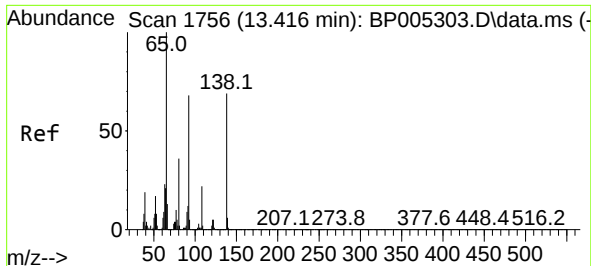
Tgt Ion:330 Resp: 106897
Ion Ratio Lower Upper
330 100
332 98.4 78.6 118.0
141 37.1 31.6 47.4



#45
2-Fluorobiphenyl
Concen: 95.72 ng
RT: 12.940 min Scan# 1675
Delta R.T. 0.000 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:172 Resp: 311122
Ion Ratio Lower Upper
172 100
171 35.8 27.8 41.8
170 22.5 18.7 28.1

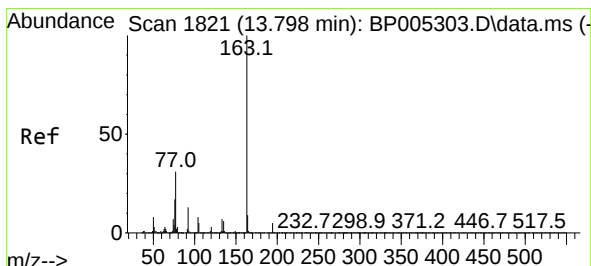
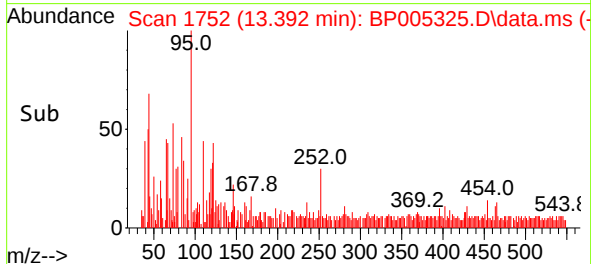
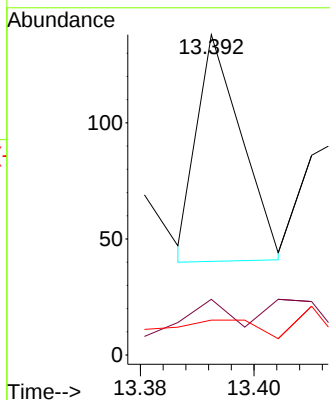
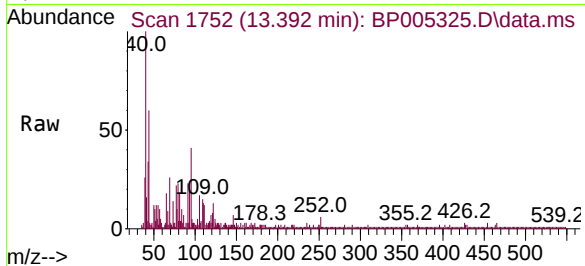




#48
2-Nitroaniline
Concen: 4.10 ng
RT: 13.392 min Scan# 1752
Delta R.T. -0.018 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

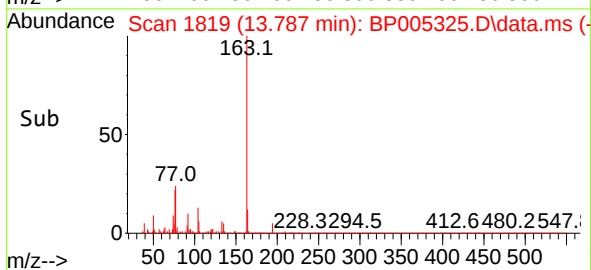
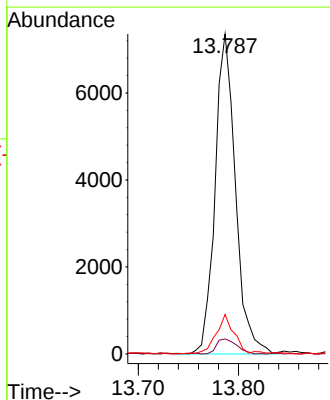
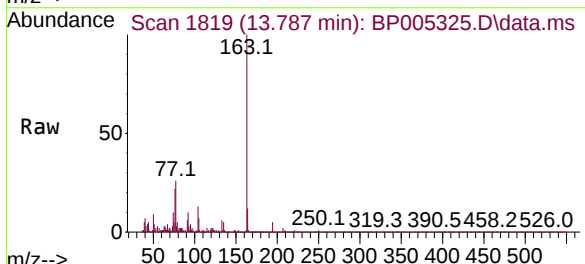
Instrument :
BNA_P
ClientSampled :
MW-122

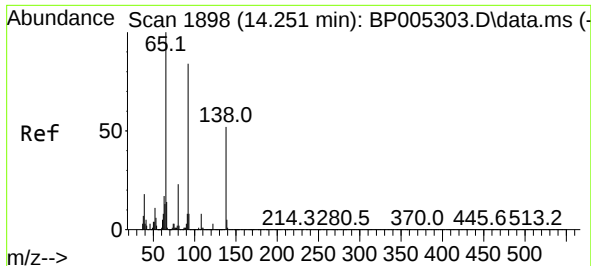
Tgt Ion:	65	Resp:	53
Ion	Ratio	Lower	Upper
65	100		
92	17.4	54.6	82.0#
138	10.9	55.4	83.0#



#50
Dimethylphthalate
Concen: 3.68 ng
RT: 13.787 min Scan# 1819
Delta R.T. -0.006 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:	163	Resp:	10414
Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.9	5.9
164	12.4	7.2	10.8#

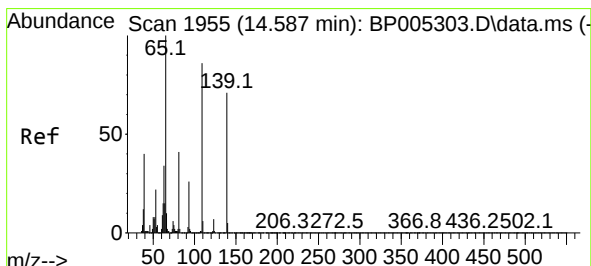
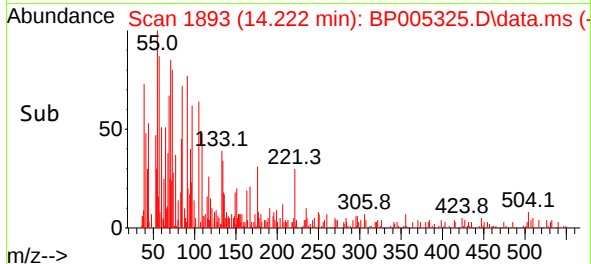
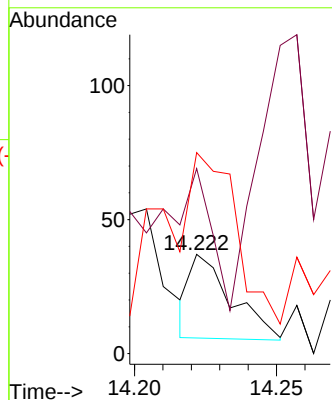
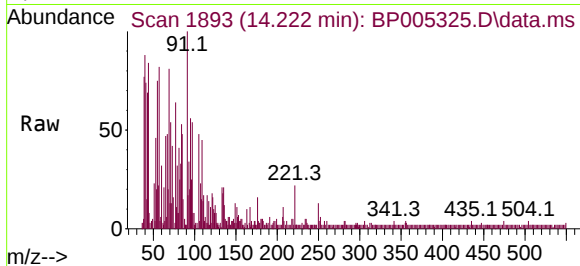




#53
3-Nitroaniline
Concen: 3.15 ng
RT: 14.222 min Scan# 1893
Delta R.T. -0.029 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

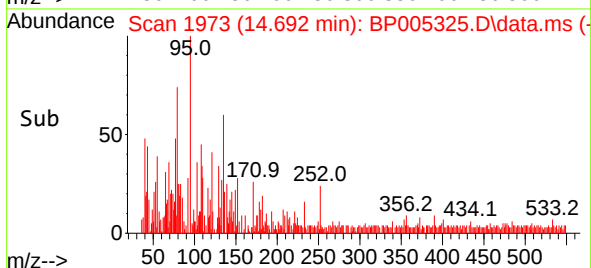
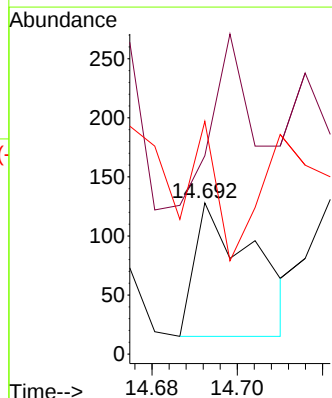
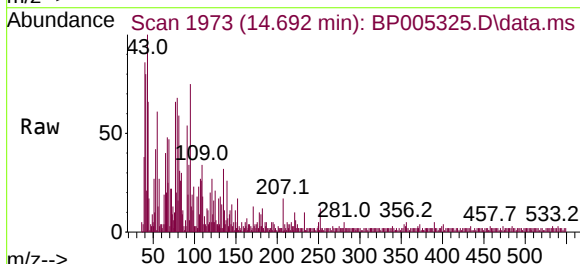
Instrument :
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ClientSampleId :
MW-122

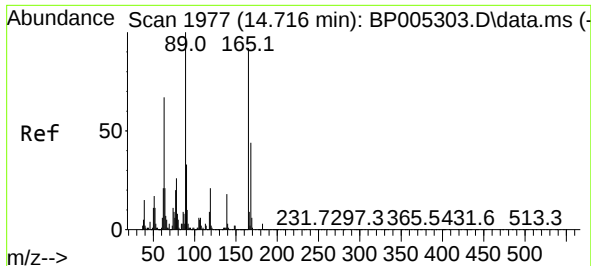
Tgt Ion:138 Resp: 32
Ion Ratio Lower Upper
138 100
108 186.5 11.8 17.8#
92 202.7 129.0 193.4#



#56
4-Nitrophenol
Concen: 6.17 ng
RT: 14.692 min Scan# 1973
Delta R.T. 0.112 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:139 Resp: 109
Ion Ratio Lower Upper
139 100
109 131.3 101.8 141.8
65 153.9 121.3 161.3

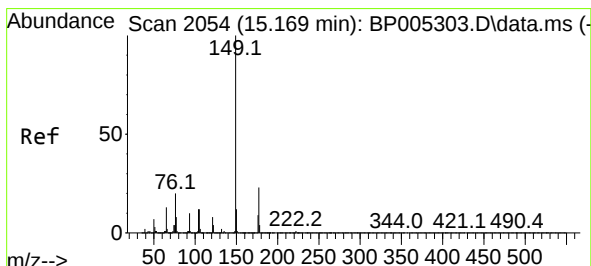
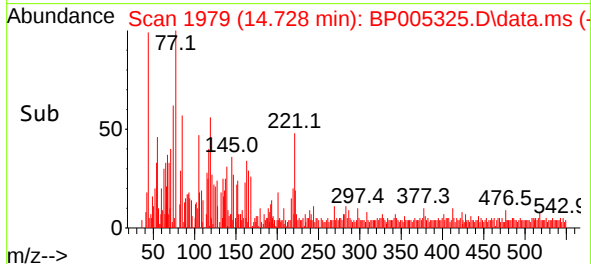
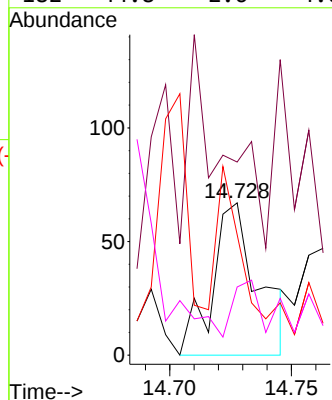
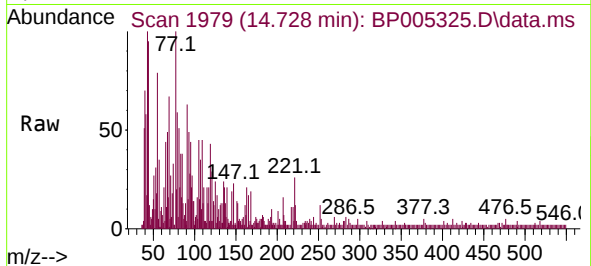




#57
2,4-Dinitrotoluene
Concen: 3.49 ng
RT: 14.728 min Scan# 1979
Delta R.T. 0.012 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

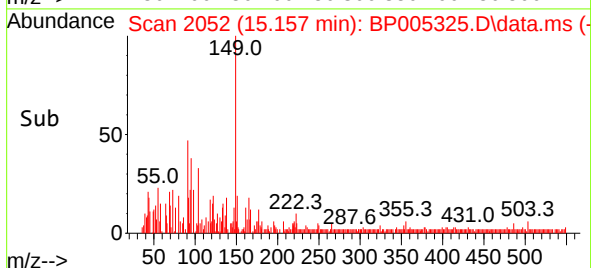
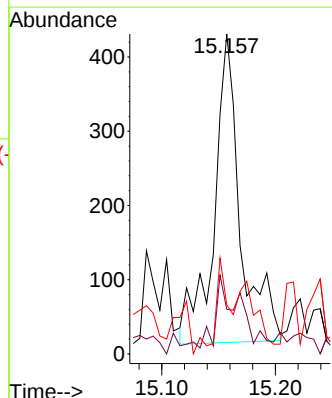
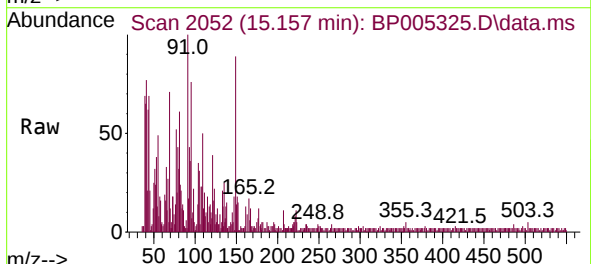
Instrument :
BNA_P
ClientSampleId :
MW-122

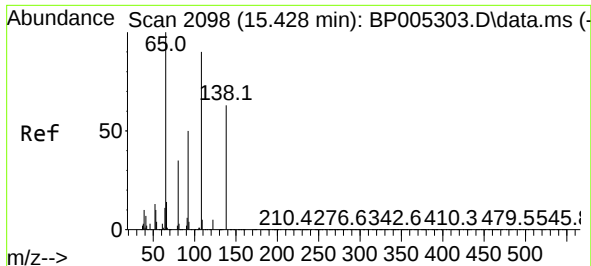
Tgt Ion:165 Resp: 89
Ion Ratio Lower Upper
165 100
63 126.9 58.3 87.5#
89 94.0 87.0 130.4
182 44.8 2.6 4.0#



#60
Diethylphthalate
Concen: 4.33 ng
RT: 15.157 min Scan# 2052
Delta R.T. -0.006 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:149 Resp: 670
Ion Ratio Lower Upper
149 100
177 13.9 18.6 27.8#
150 15.3 9.8 14.8#

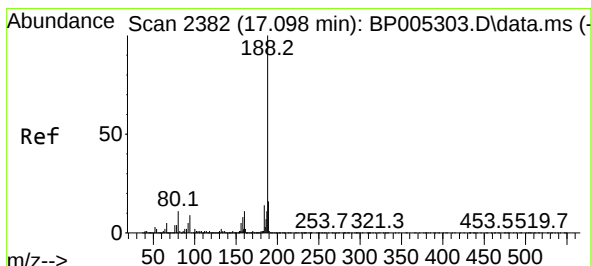
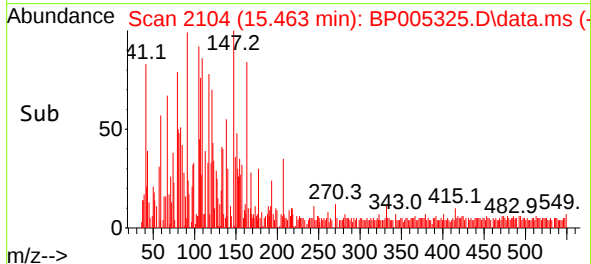
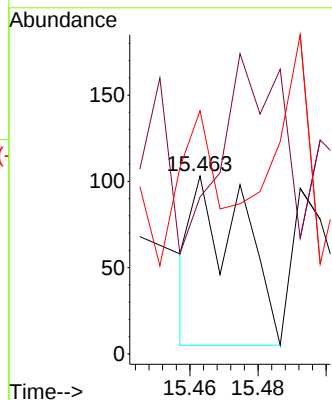
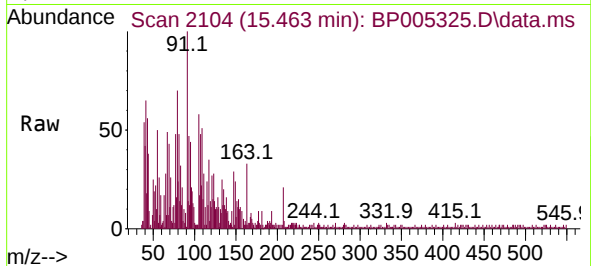




#62
4-Nitroaniline
Concen: 4.07 ng
RT: 15.463 min Scan# 2104
Delta R.T. 0.041 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

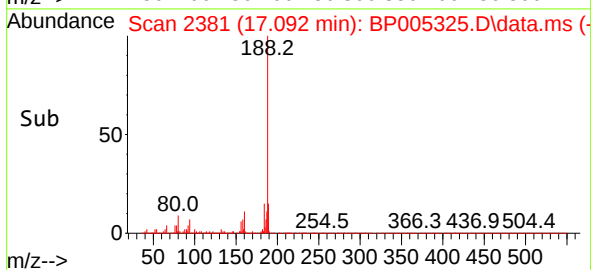
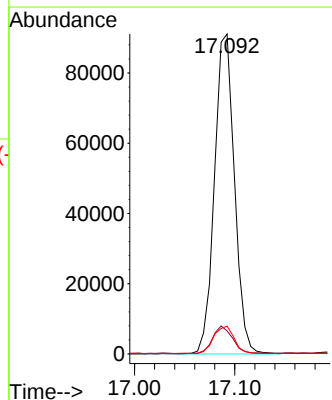
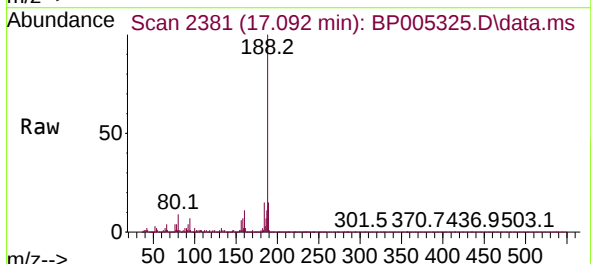
Instrument :
BNA_P
ClientSampleId :
MW-122

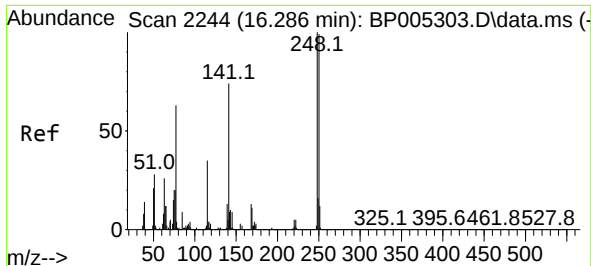
Tgt Ion:138 Resp: 100
Ion Ratio Lower Upper
138 100
92 88.3 57.0 97.0
108 136.9 115.8 155.8



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.000 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:188 Resp: 126174
Ion Ratio Lower Upper
188 100
94 7.2 7.0 10.6
80 8.7 8.4 12.6

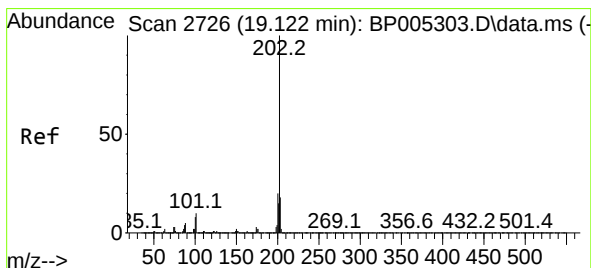
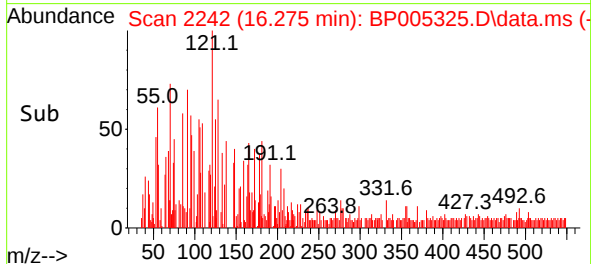
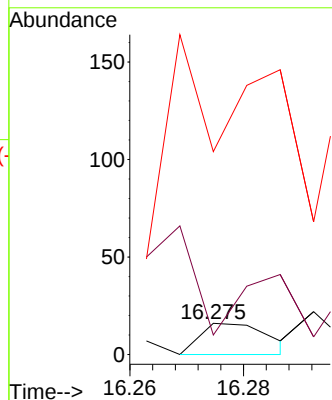
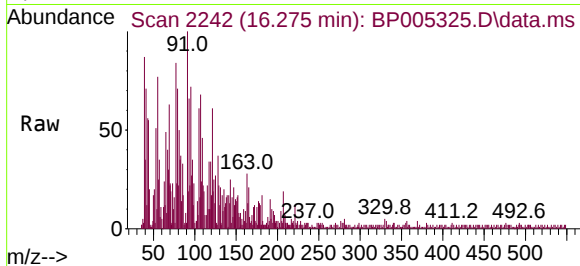




#67
4-Bromophenyl-phenylether
Concen: 3.46 ng
RT: 16.275 min Scan# 2242
Delta R.T. -0.006 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

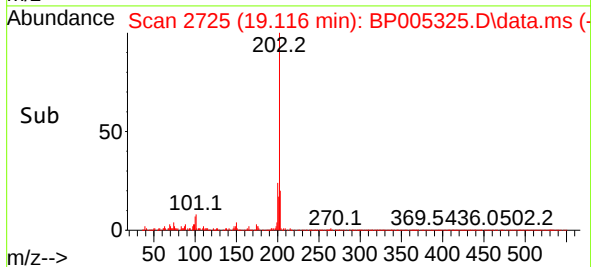
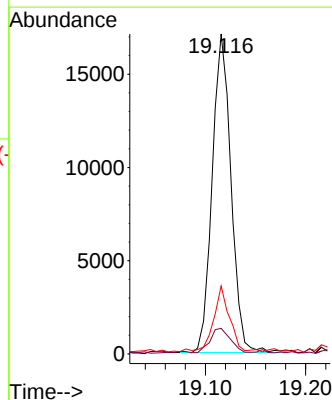
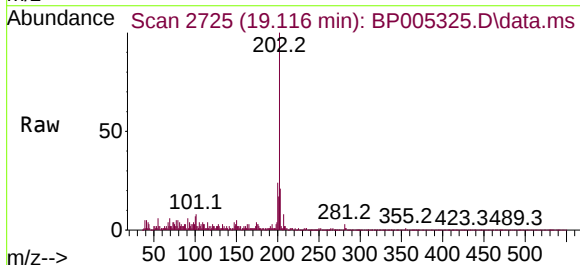
Instrument :
BNA_P
ClientSampleId :
MW-122

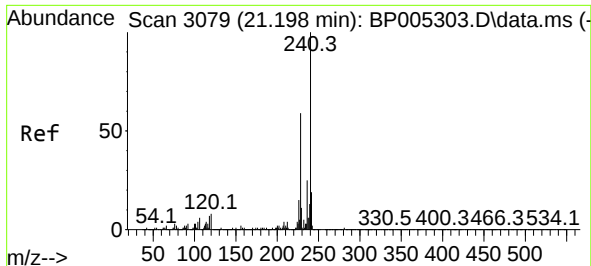
Tgt Ion:248 Resp: 13
Ion Ratio Lower Upper
248 100
250 62.5 79.0 118.6#
141 650.0 59.0 88.4#



#75
Fluoranthene
Concen: 2.51 ng
RT: 19.116 min Scan# 2725
Delta R.T. 0.000 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:202 Resp: 22215
Ion Ratio Lower Upper
202 100
101 8.0 0.0 29.6
203 21.2 0.0 37.6

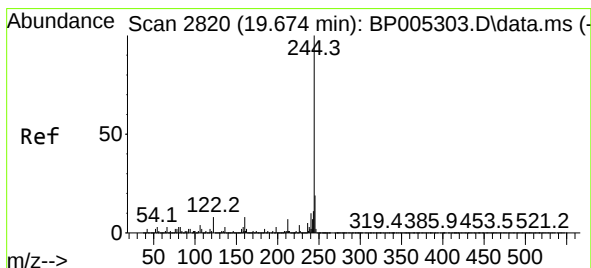
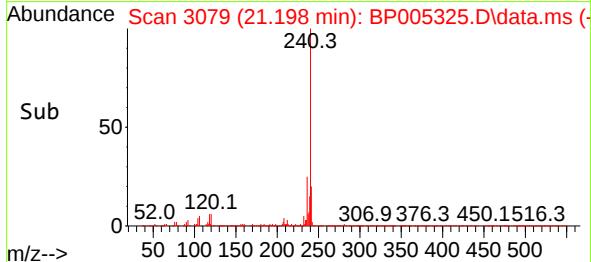
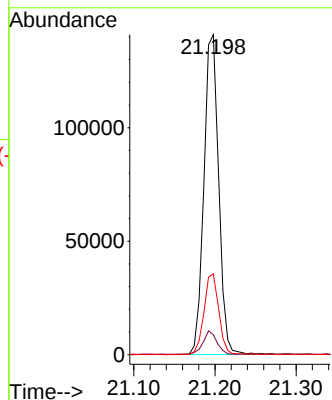
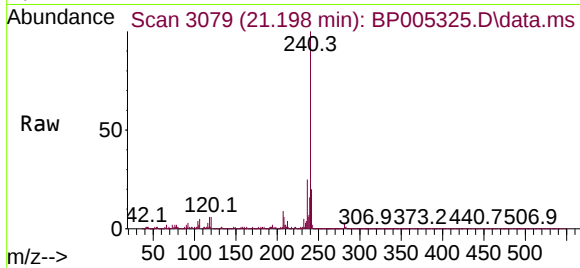




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.000 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

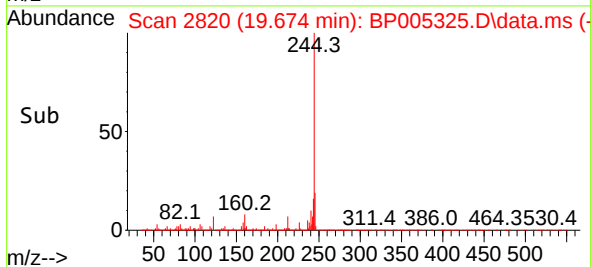
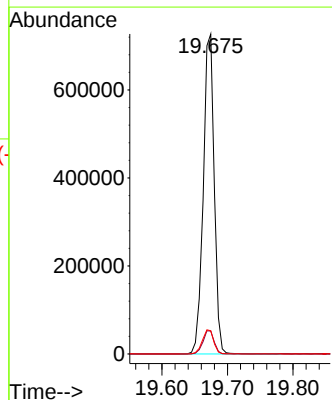
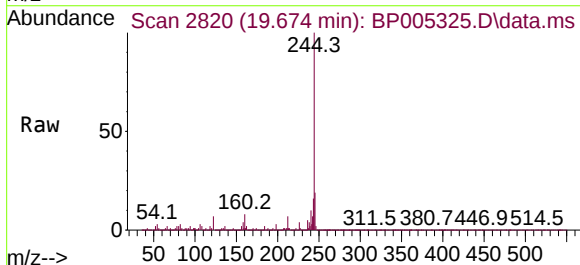
Instrument :
BNA_P
ClientSampleId :
MW-122

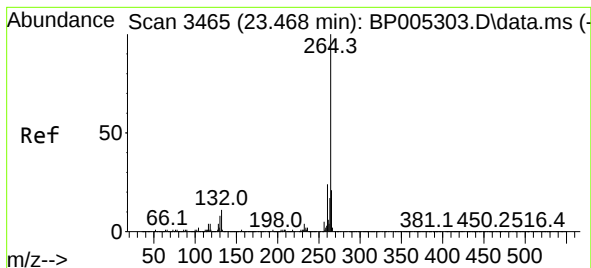
Tgt Ion:240 Resp: 177759
Ion Ratio Lower Upper
240 100
120 6.2 6.5 9.7#
236 25.3 19.8 29.6



#79
Terphenyl-d14
Concen: 94.01 ng
RT: 19.674 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP005325.D
Acq: 16 Apr 2021 18:48

Tgt Ion:244 Resp: 846045
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 7.3 6.7 10.1





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.463 min Scan# 3464

Delta R.T. 0.000 min

Lab File: BP005325.D

Acq: 16 Apr 2021 18:48

Instrument :

BNA_P

ClientSampleId :

MW-122

Tgt Ion:264 Resp: 180862

Ion Ratio Lower Upper

264 100

260 22.7 19.0 28.6

265 22.2 17.0 25.6

