

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063021\
 Data File : BP006114.D
 Acq On : 30 Jun 2021 18:48
 Operator : CG/JU
 Sample : M2875-19
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-12

Quant Time: Jul 01 03:07:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 30 16:39:37 2021
 Response via : Initial Calibration

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

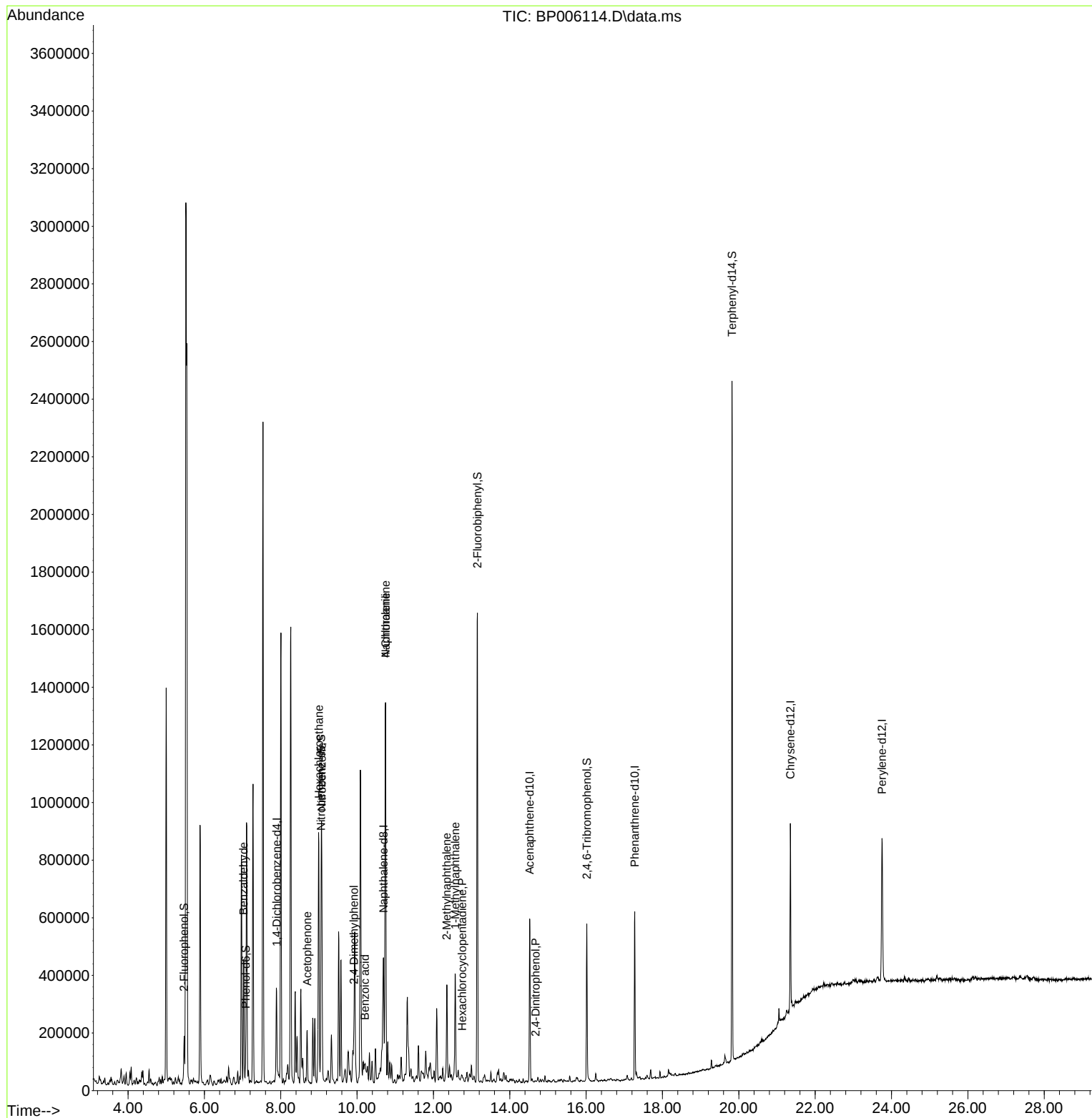
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	93977	20.00	ng	0.00
21) Naphthalene-d8	10.693	136	346827	20.00	ng	0.00
39) Acenaphthene-d10	14.522	164	196632	20.00	ng	0.00
64) Phenanthrene-d10	17.275	188	354424	20.00	ng	0.00
76) Chrysene-d12	21.351	240	323982	20.00	ng	0.00
86) Perylene-d12	23.751	264	392811	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	79928	13.65	ng	0.00
7) Phenol-d6	7.081	99	56687	7.47	ng	0.00
23) Nitrobenzene-d5	9.058	82	306931	43.39	ng	0.00
42) 2,4,6-Tribromophenol	16.016	330	117112	34.71	ng	0.00
45) 2-Fluorobiphenyl	13.151	172	854853	57.09	ng	0.00
79) Terphenyl-d14	19.822	244	1085296	62.73	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.028	77	29793	9.21	ng	# 1
18) Hexachloroethane	8.999	117	94310	34.05	ng	# 1
22) Acetophenone	8.693	105	133420	14.62	ng	# 59
24) Nitrobenzene	9.075	77	23065	3.14	ng	# 7
27) 2,4-Dimethylphenol	9.916	122	53814	10.31	ng	# 87
31) Naphthalene	10.746	128	1008948	50.28	ng	100
32) Benzoic acid	10.205	122	2034	6.77	ng	# 19
33) 4-Chloroaniline	10.746	127	135463	16.71	ng	# 36
37) 2-Methylnaphthalene	12.351	142	154948	10.84	ng	99
38) 1-Methylnaphthalene	12.569	142	143287	10.65	ng	98
41) Hexachlorocyclopentadiene	12.751	237	17	5.51	ng	89
54) 2,4-Dinitrophenol	14.681	184	24	4.86	ng	# 1

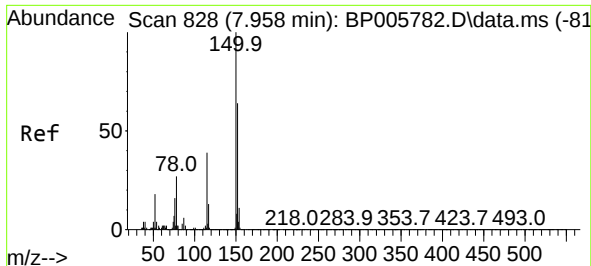
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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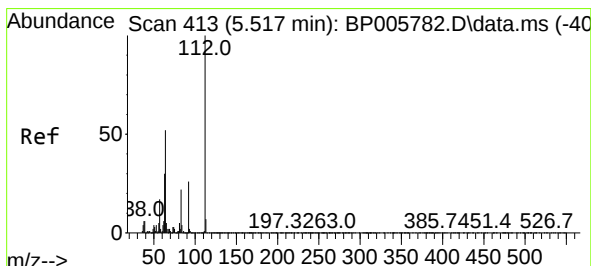
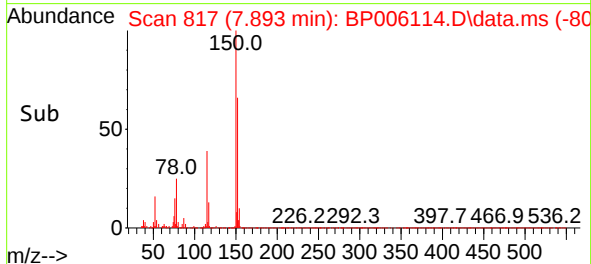
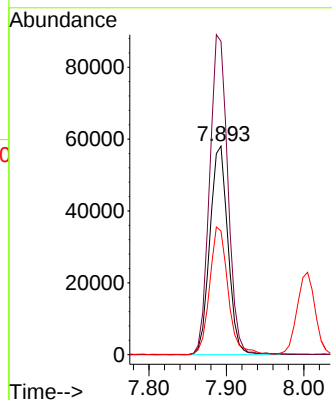
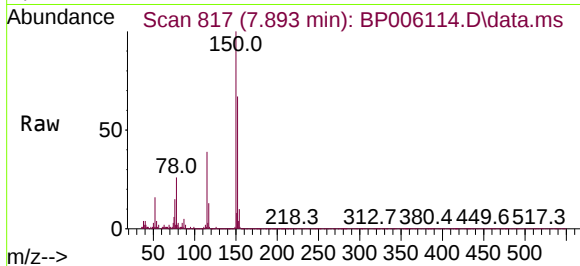




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.893 min Scan# 817
Delta R.T. -0.000 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

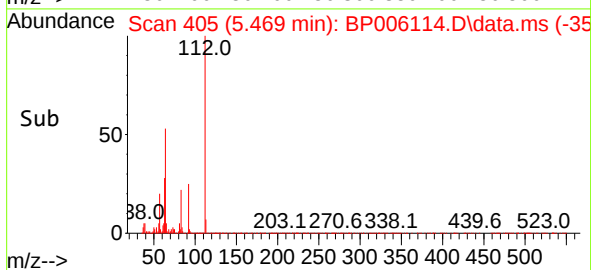
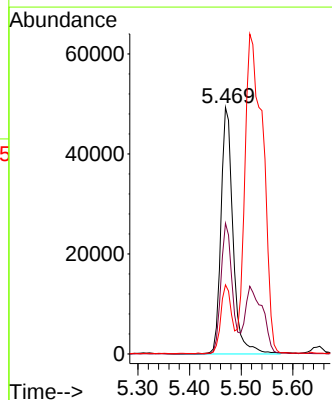
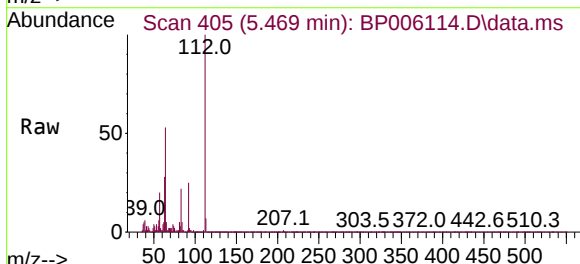
Instrument :
BNA_P
ClientSampleId :
MW-12

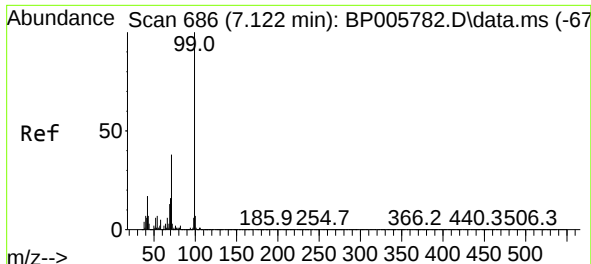
Tgt Ion:152 Resp: 93977
Ion Ratio Lower Upper
152 100
150 150.3 125.6 188.4
115 59.3 48.5 72.7



#5
2-Fluorophenol
Concen: 13.65 ng
RT: 5.469 min Scan# 405
Delta R.T. 0.000 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:112 Resp: 79928
Ion Ratio Lower Upper
112 100
64 53.0 41.4 62.2
63 28.1 23.8 35.8

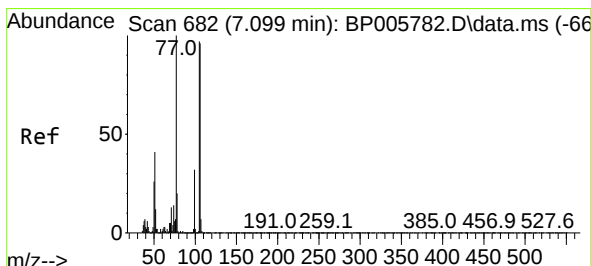
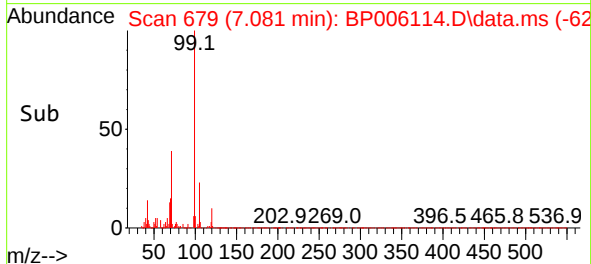
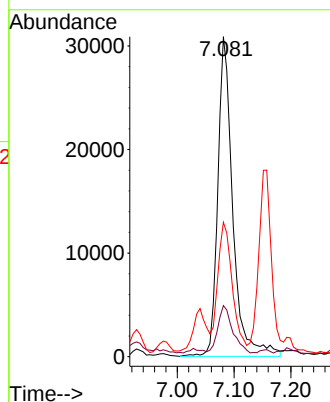
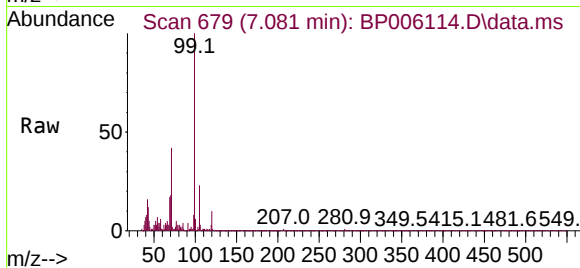




#7
Phenol-d6
Concen: 7.47 ng
RT: 7.081 min Scan# 679
Delta R.T. 0.006 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

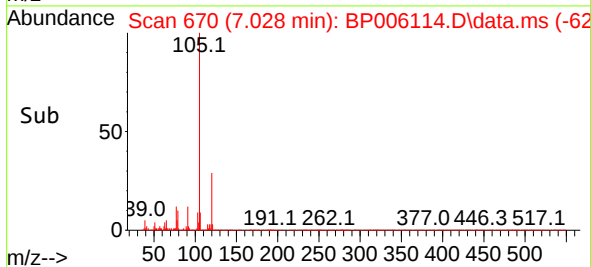
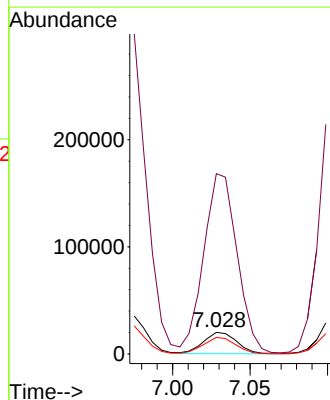
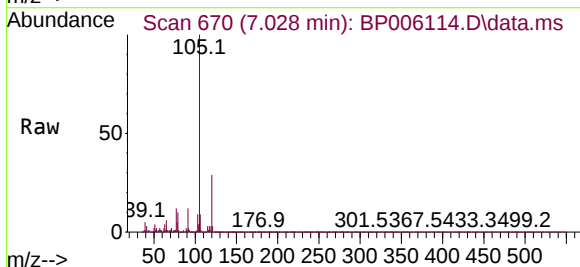
Instrument :
BNA_P
ClientSampleId :
MW-12

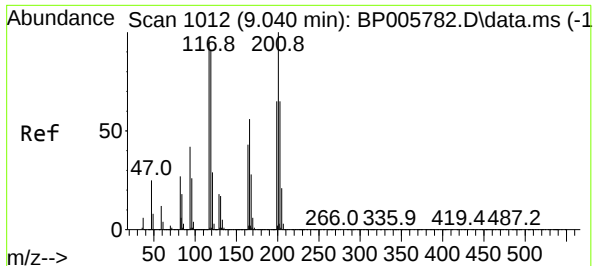
Tgt Ion:	99	Resp:	56687
Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.4	20.0
71	42.0	30.6	46.0



#9
Benzaldehyde
Concen: 9.21 ng
RT: 7.028 min Scan# 670
Delta R.T. -0.006 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:	77	Resp:	29793
Ion	Ratio	Lower	Upper
77	100		
105	834.6	76.7	116.7#
106	77.1	76.2	116.2

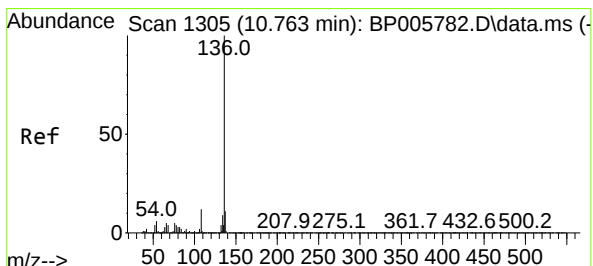
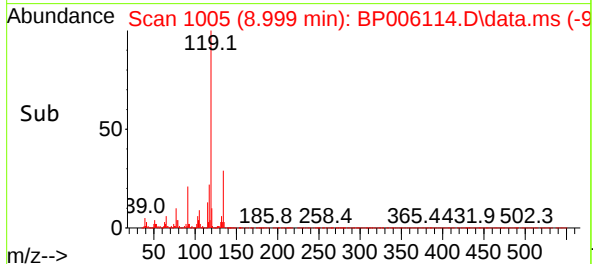
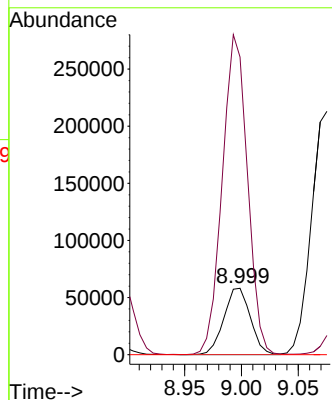
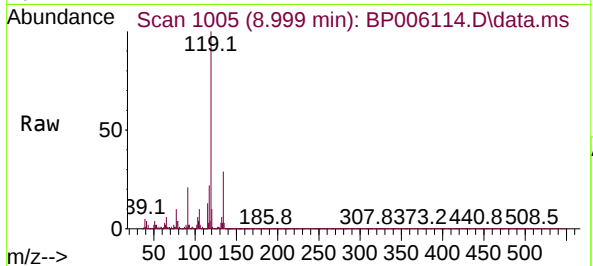




#18
Hexachloroethane
Concen: 34.05 ng
RT: 8.999 min Scan# 1005
Delta R.T. 0.035 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

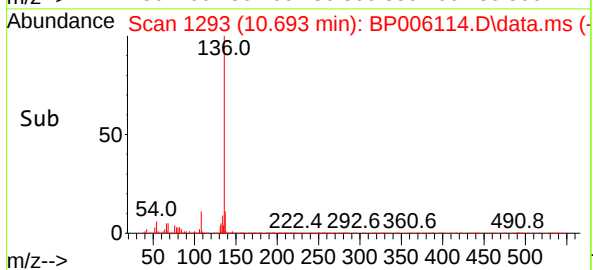
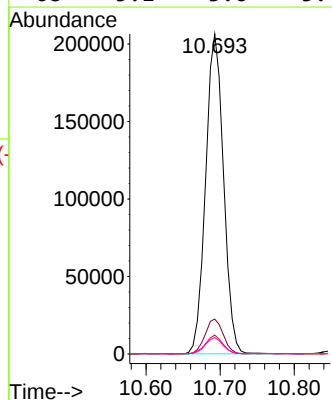
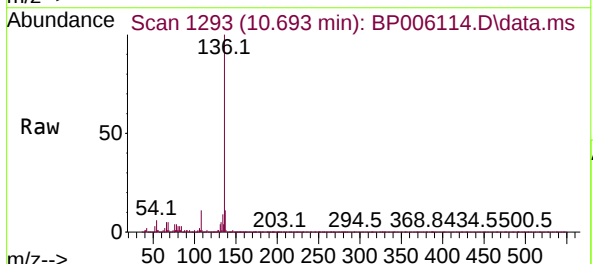
Instrument :
BNA_P
ClientSampled :
MW-12

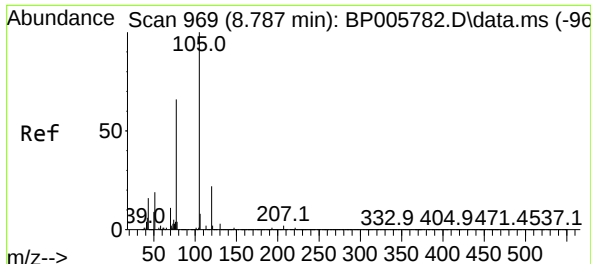
Tgt Ion:117 Resp: 94310
Ion Ratio Lower Upper
117 100
119 448.3 76.2 114.2#
201 0.0 83.4 125.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.693 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:136 Resp: 346827
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 5.9 4.6 6.8
68 5.1 3.6 5.4

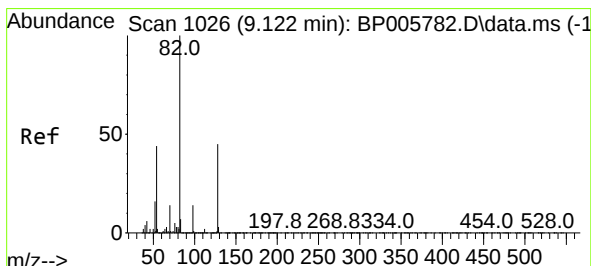
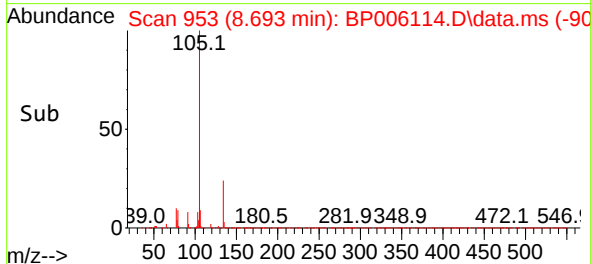
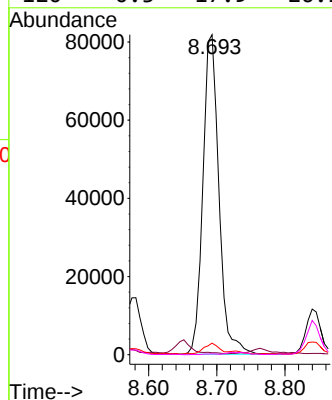
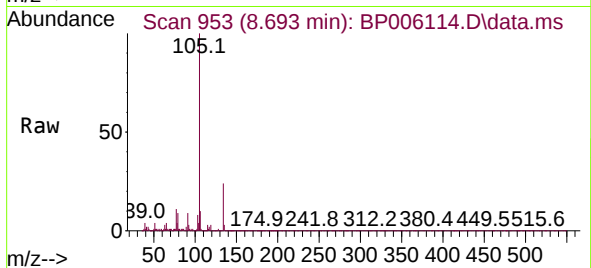




#22
Acetophenone
Concen: 14.62 ng
RT: 8.693 min Scan# 953
Delta R.T. -0.029 min
Lab File: BP006114.D
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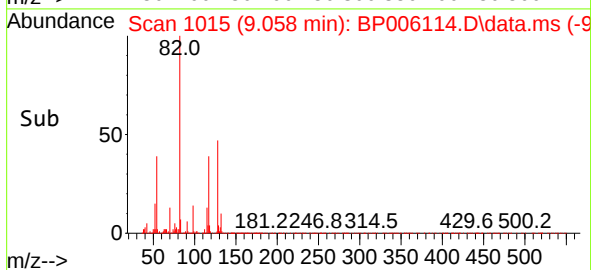
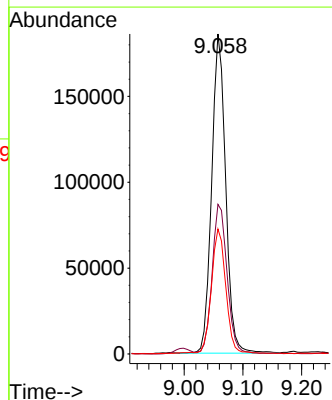
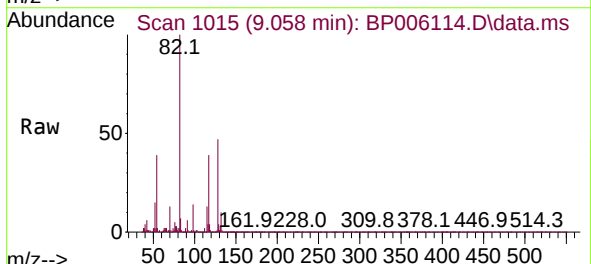
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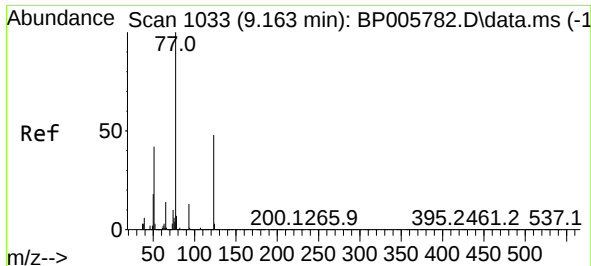
Tgt Ion:	105	Resp:	133420
Ion Ratio	Lower	Upper	
105	100		
71	0.6	1.9	2.9#
51	3.6	18.4	27.6#
120	0.3	17.9	26.9#



#23
Nitrobenzene-d5
Concen: 43.39 ng
RT: 9.058 min Scan# 1015
Delta R.T. 0.000 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:	82	Resp:	306931
Ion Ratio	Lower	Upper	
82	100		
128	46.7	35.7	53.5
54	39.1	35.0	52.4

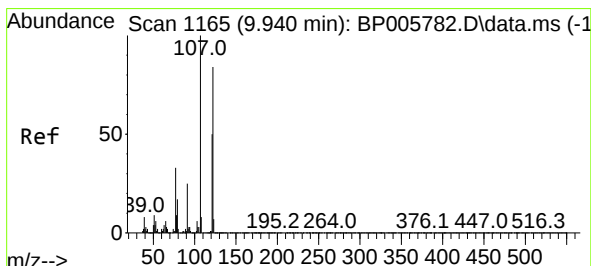
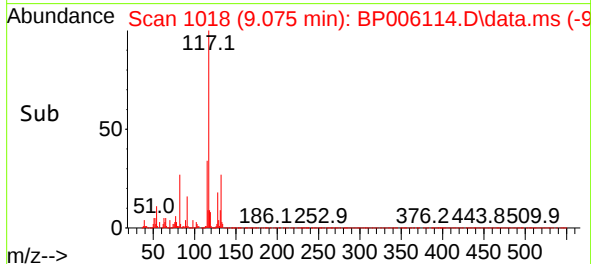
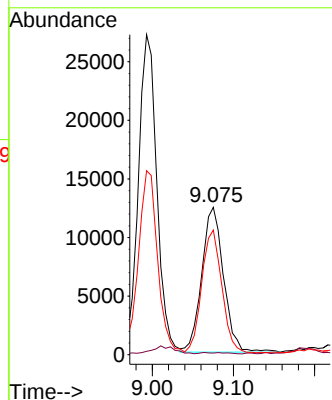
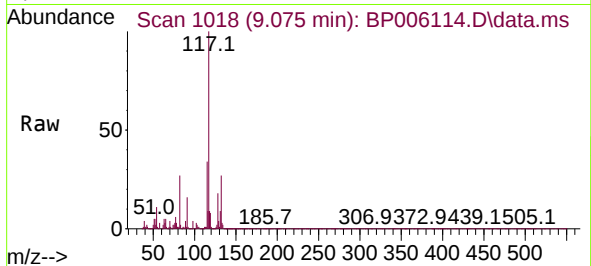




#24
Nitrobenzene
Concen: 3.14 ng
RT: 9.075 min Scan# 1018
Delta R.T. -0.029 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

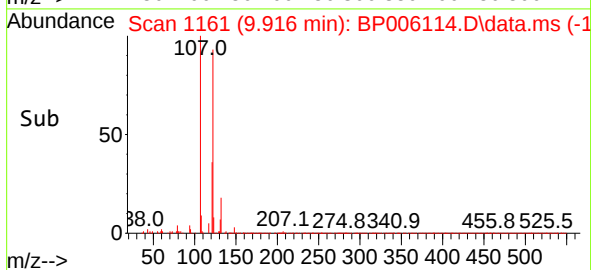
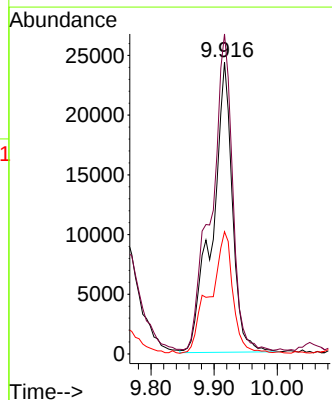
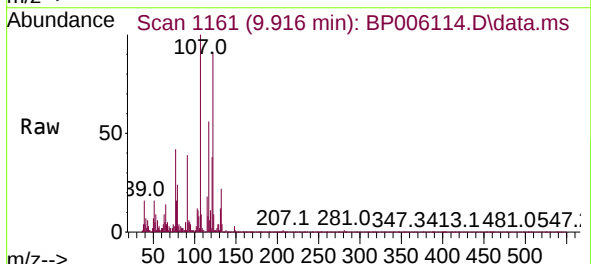
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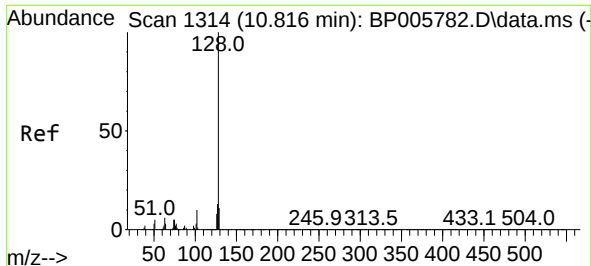
Tgt Ion: 77 Resp: 23065
Ion Ratio Lower Upper
77 100
123 1.1 38.2 57.2#
65 84.6 11.4 17.2#



#27
2,4-Dimethylphenol
Concen: 10.31 ng
RT: 9.916 min Scan# 1161
Delta R.T. 0.035 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion: 122 Resp: 53814
Ion Ratio Lower Upper
122 100
107 109.6 94.5 141.7
121 41.9 47.4 71.2#

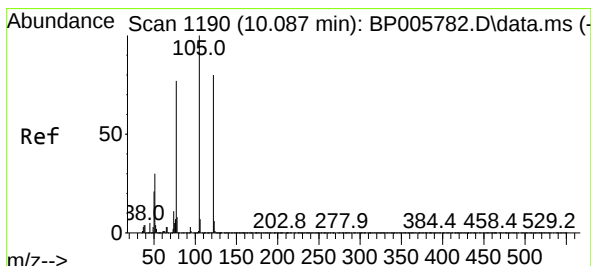
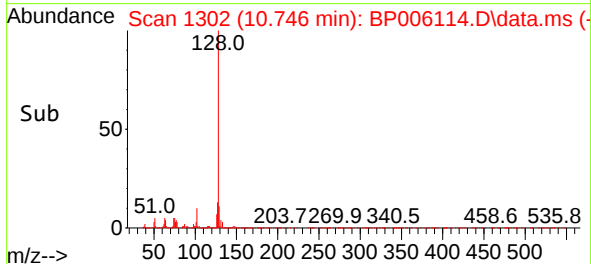
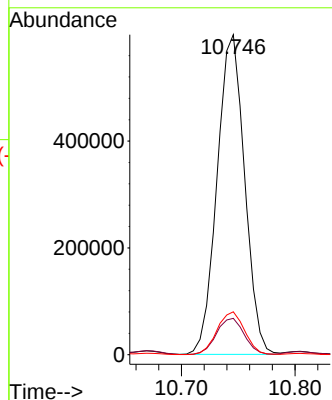
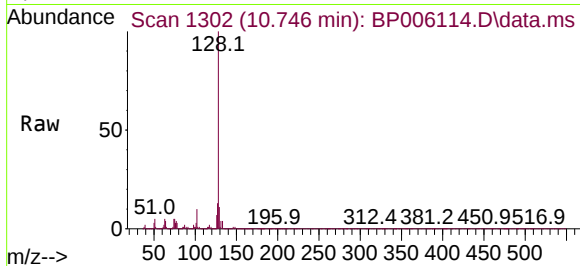




#31
Naphthalene
Concen: 50.28 ng
RT: 10.746 min Scan# 1302
Delta R.T. 0.000 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

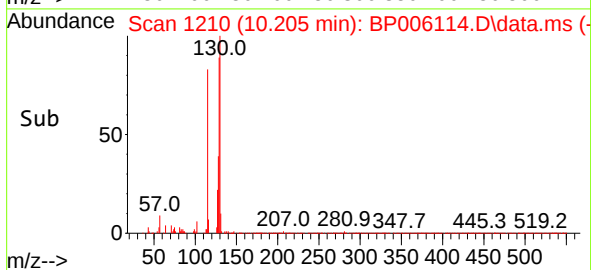
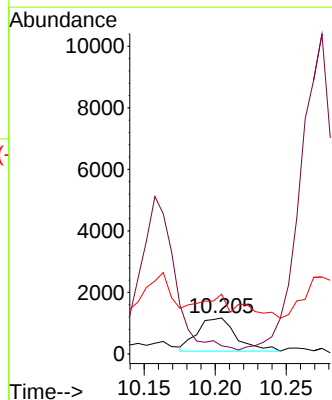
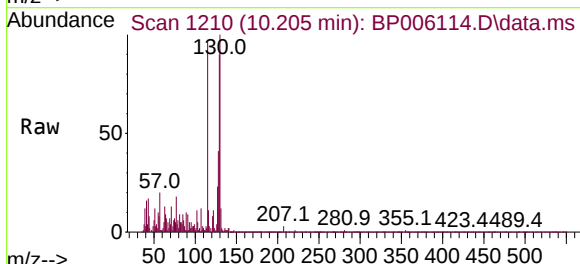
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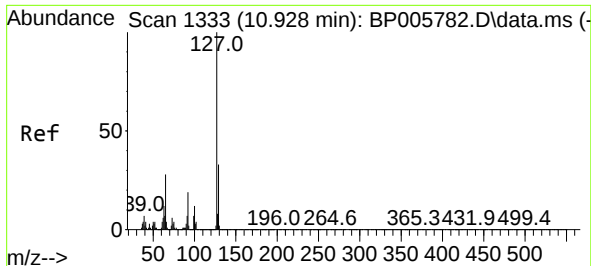
Tgt Ion:128 Resp: 1008948
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 6.77 ng
RT: 10.205 min Scan# 1210
Delta R.T. 0.130 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:122 Resp: 2034
Ion Ratio Lower Upper
122 100
105 22.8 103.2 143.2#
77 166.0 76.2 116.2#

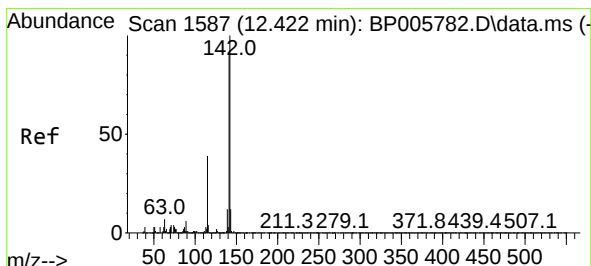
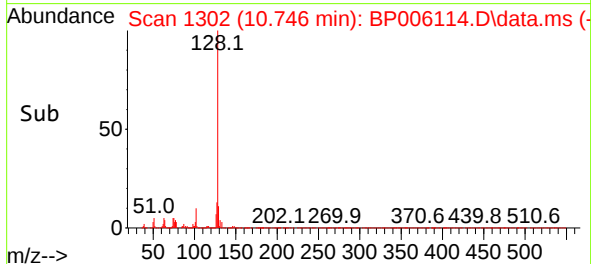
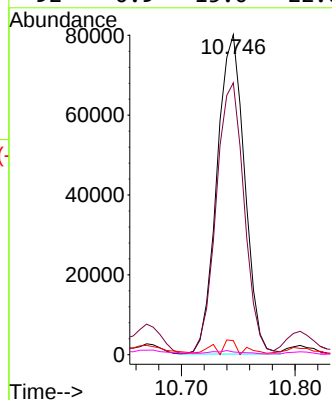
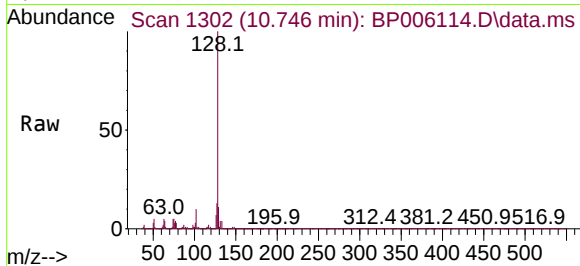




#33
4-Chloroaniline
Concen: 16.71 ng
RT: 10.746 min Scan# 1302
Delta R.T. -0.117 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

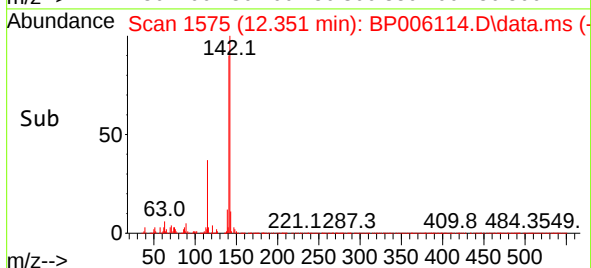
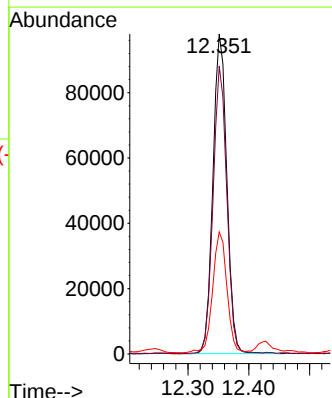
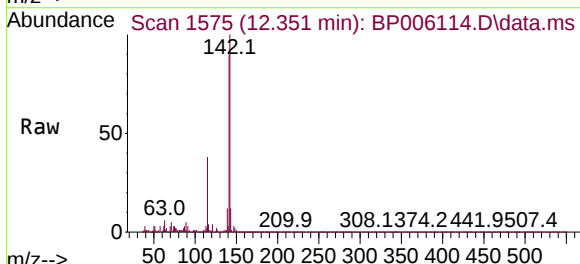
Instrument :
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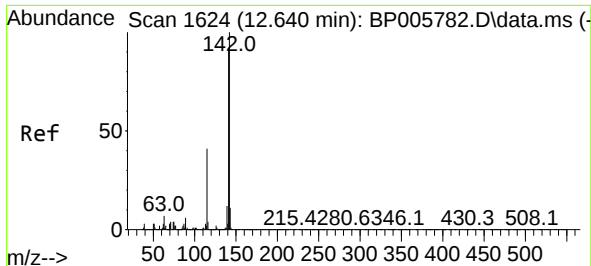
Tgt Ion:127	Resp: 135463
Ion Ratio	Lower Upper
127 100	
129 85.0	26.1 39.1#
65 4.4	22.5 33.7#
92 0.9	15.0 22.6#



#37
2-Methylnaphthalene
Concen: 10.84 ng
RT: 12.351 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:142	Resp: 154948
Ion Ratio	Lower Upper
142 100	
141 90.0	71.8 107.6
115 38.2	31.6 47.4

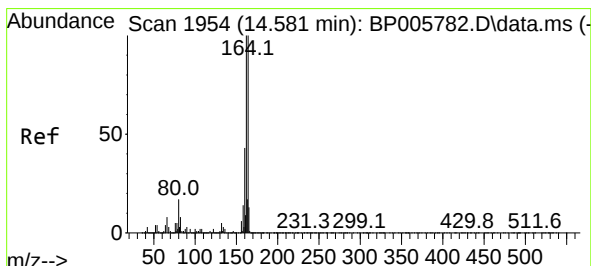
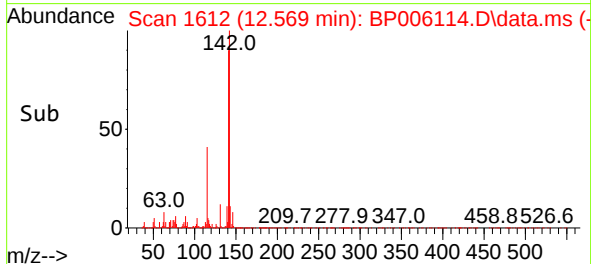
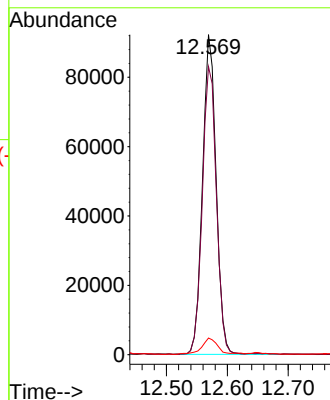
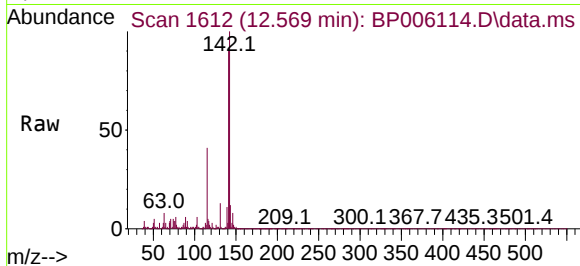




#38
1-Methylnaphthalene
Concen: 10.65 ng
RT: 12.569 min Scan# 1612
Delta R.T. 0.000 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

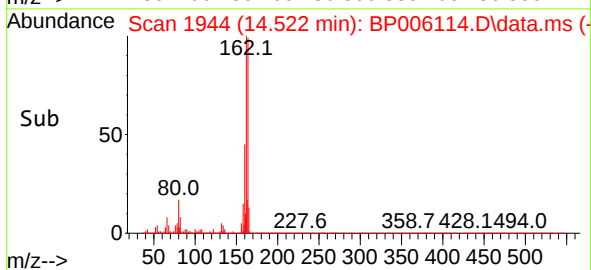
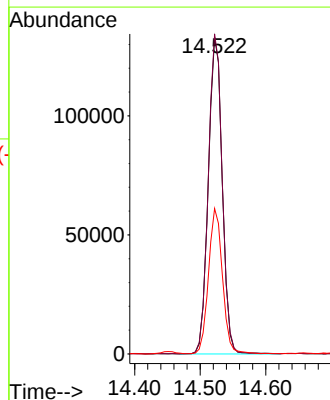
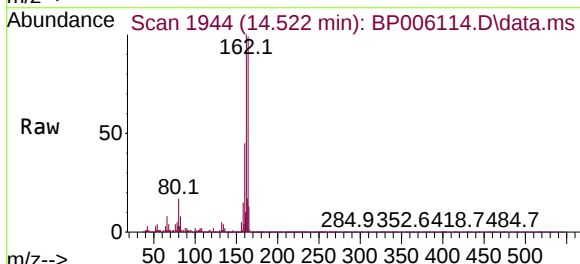
Instrument :
BNA_P
ClientSampleId :
MW-12

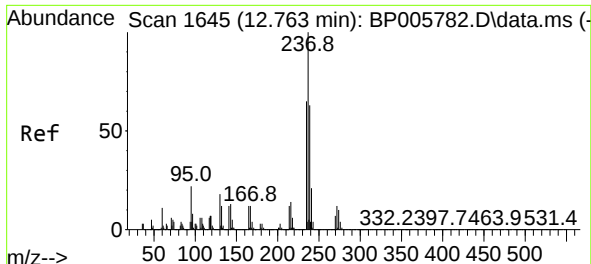
Tgt Ion:	142	Resp:	143287
Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.3	109.9
116	5.2	3.5	5.3



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.522 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:	164	Resp:	196632
Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	46.0	34.5	51.7

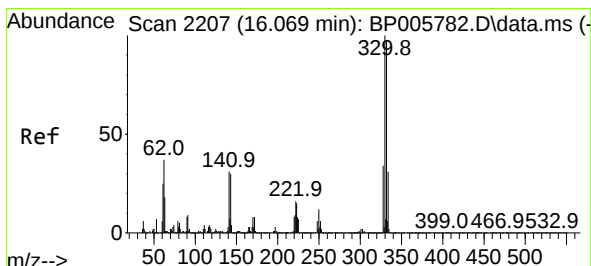
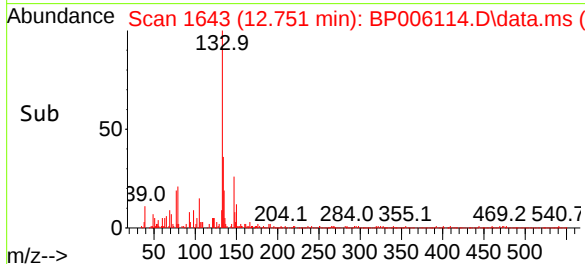
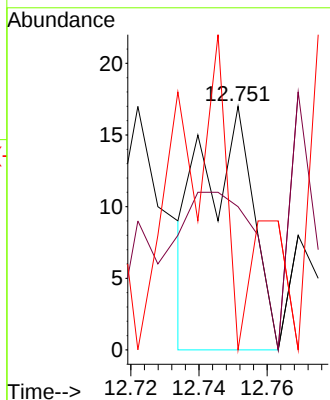
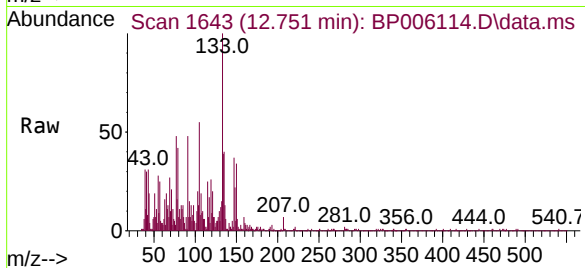




#41
Hexachlorocyclopentadiene
Concen: 5.51 ng
RT: 12.751 min Scan# 1643
Delta R.T. 0.053 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

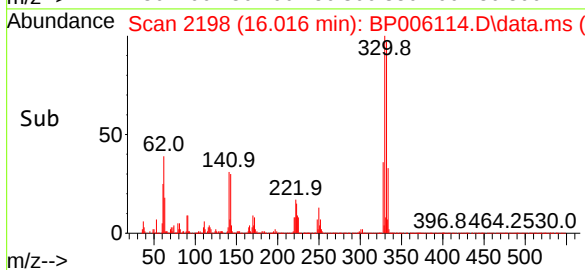
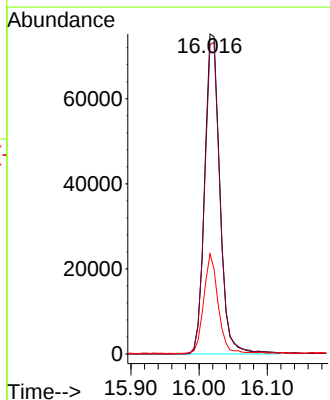
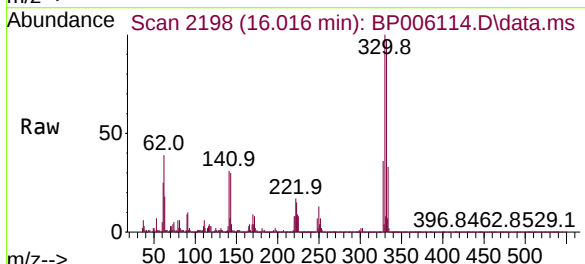
Instrument :
BNA_P
ClientSampled :
MW-12

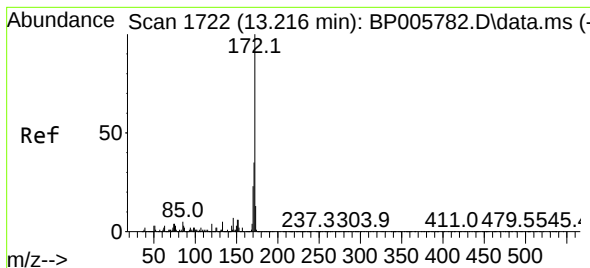
Tgt Ion:237	Resp:	17
Ion	Ratio	Lower Upper
237	100	
235	58.8	44.5 84.5
272	0.0	0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 34.71 ng
RT: 16.016 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:330	Resp:	117112
Ion	Ratio	Lower Upper
330	100	
332	98.6	77.8 116.8
141	29.4	25.4 38.2

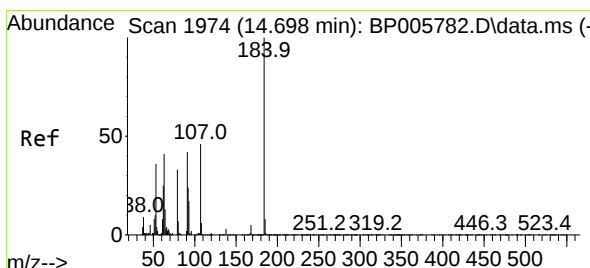
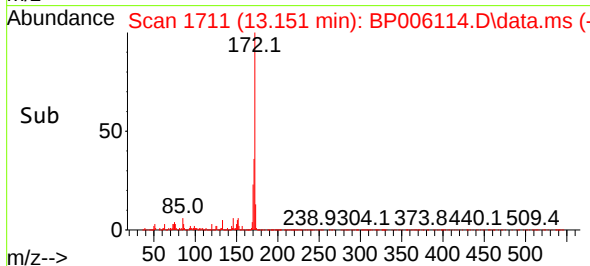
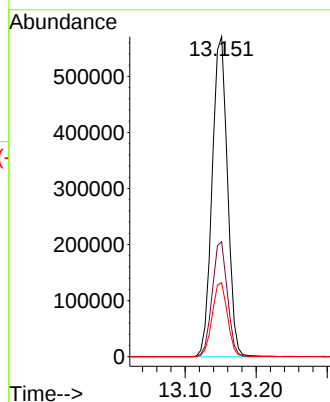
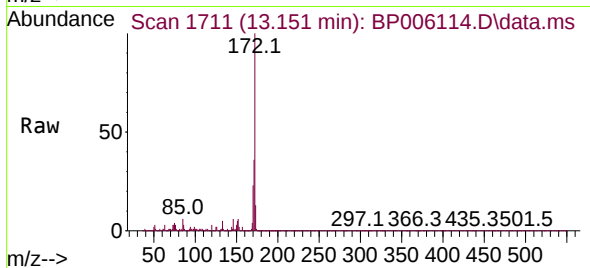




#45
2-Fluorobiphenyl
Concen: 57.09 ng
RT: 13.151 min Scan# 1711
Delta R.T. 0.000 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

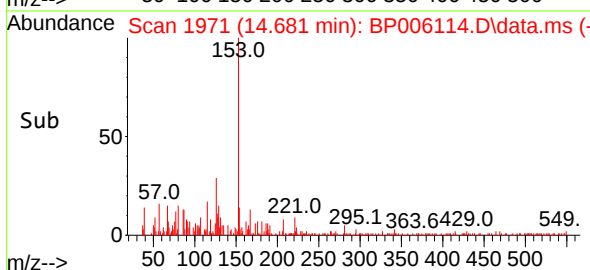
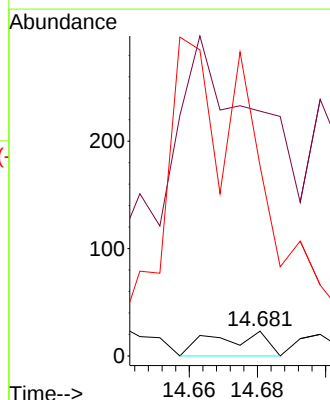
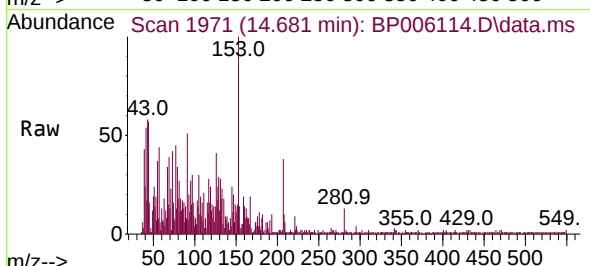
Instrument :
BNA_P
ClientSampleId :
MW-12

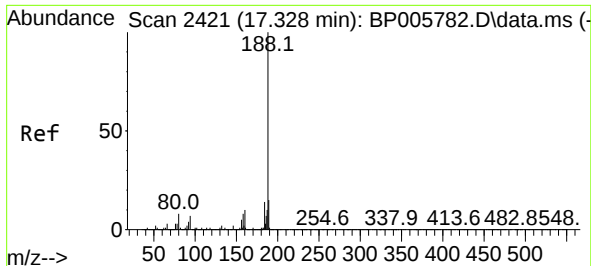
Tgt Ion:	172	Resp:	854853
Ion Ratio	Lower	Upper	
172	100		
171	35.9	27.9	41.9
170	23.1	18.6	27.8



#54
2,4-Dinitrophenol
Concen: 4.86 ng
RT: 14.681 min Scan# 1971
Delta R.T. 0.012 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:	184	Resp:	24
Ion Ratio	Lower	Upper	
184	100		
63	991.3	47.0	70.6#
154	769.6	52.3	78.5#

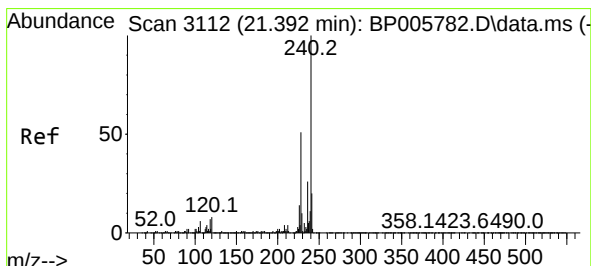
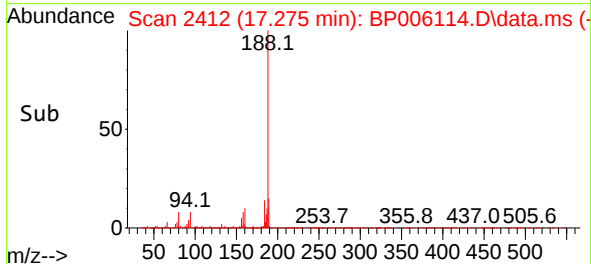
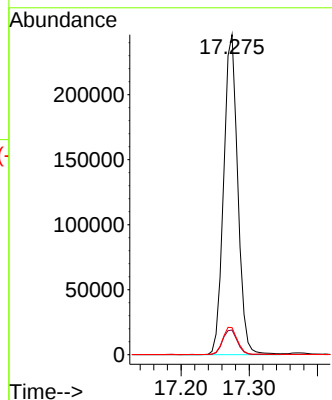
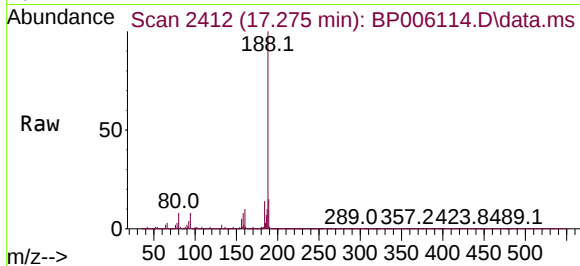




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.275 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

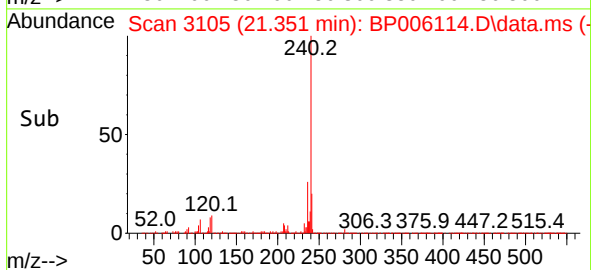
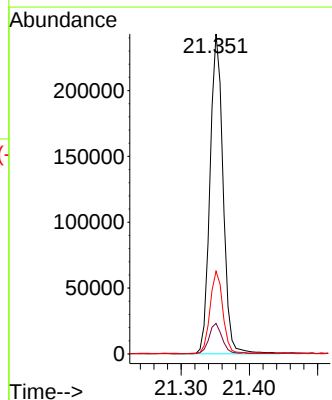
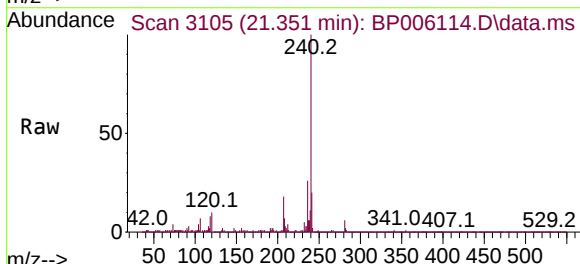
Instrument :
BNA_P
ClientSampleId :
MW-12

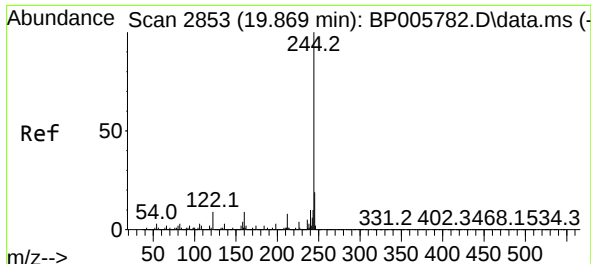
Tgt Ion:188 Resp: 354424
Ion Ratio Lower Upper
188 100
94 7.7 5.6 8.4
80 8.4 6.3 9.5



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP006114.D
Acq: 30 Jun 2021 18:48

Tgt Ion:240 Resp: 323982
Ion Ratio Lower Upper
240 100
120 9.6 6.5 9.7
236 25.8 20.6 31.0



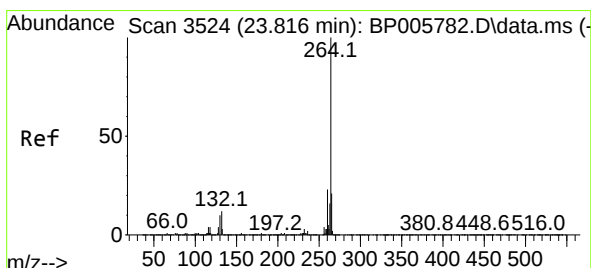
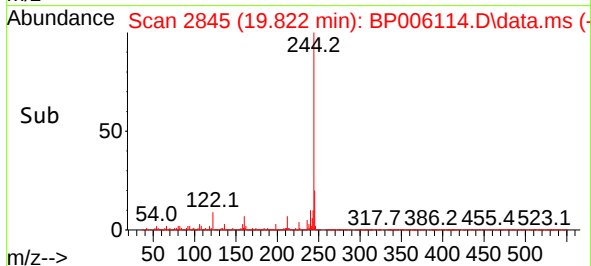
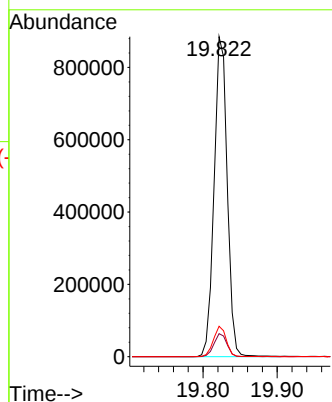
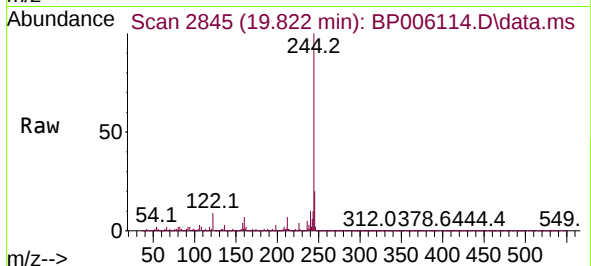


#79
 Terphenyl-d14
 Concen: 62.73 ng
 RT: 19.822 min Scan# 2845
 Delta R.T. -0.006 min
 Lab File: BP006114.D
 Acq: 30 Jun 2021 18:48

Instrument :
 BNA_P
 ClientSampleId :
 MW-12

Tgt Ion:244 Resp: 1085296

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.5	7.1	10.7



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.751 min Scan# 3513
 Delta R.T. -0.006 min
 Lab File: BP006114.D
 Acq: 30 Jun 2021 18:48

Tgt Ion:264 Resp: 392811

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.6	28.0
265	23.0	17.6	26.4

