

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
 Data File : BP007238.D
 Acq On : 28 Sep 2021 19:19
 Operator : CG/JU
 Sample : M3960-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RAMB-MW12-GW

Quant Time: Sep 29 04:19:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

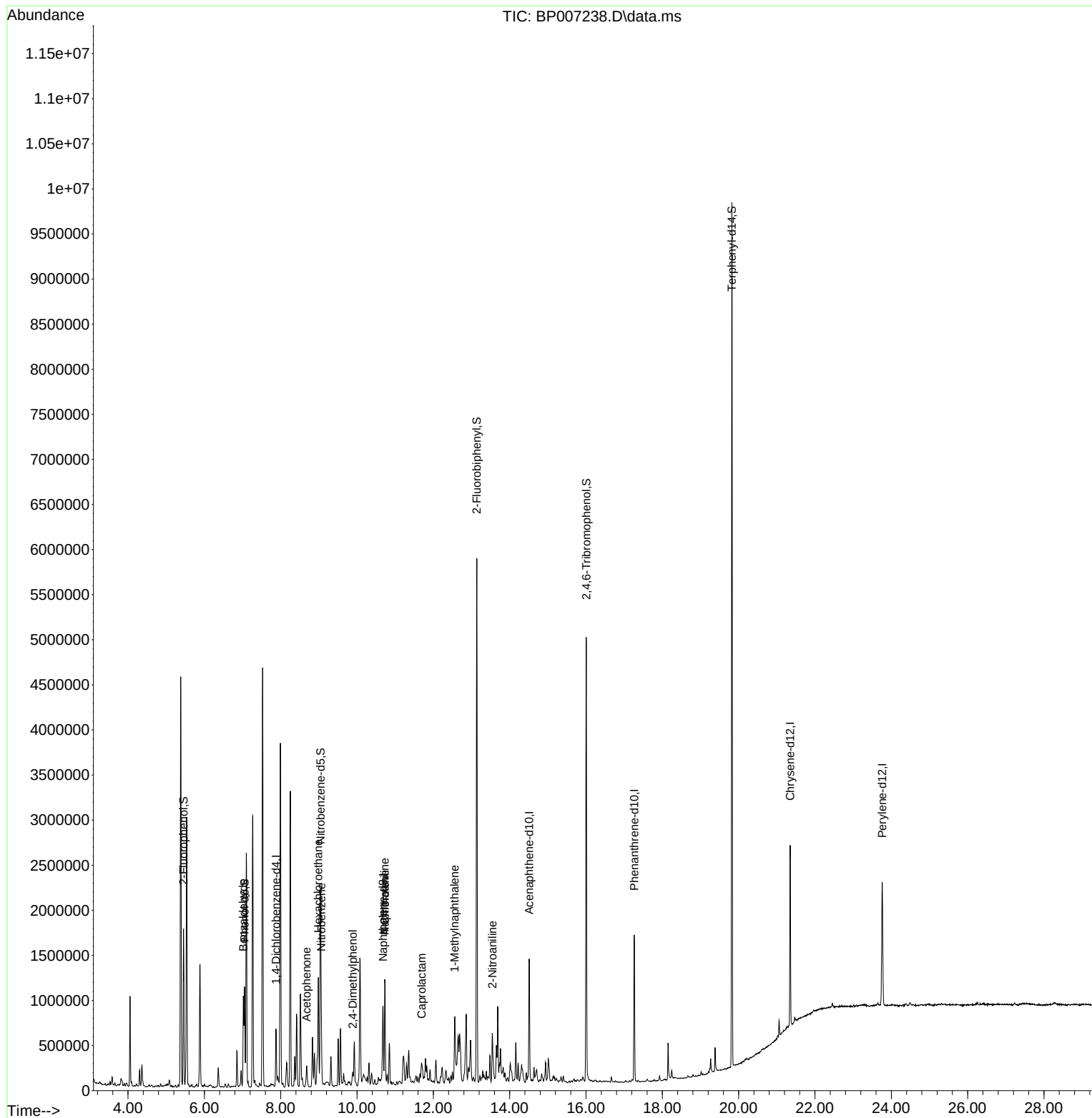
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	185719	20.000	ng	-0.02
21) Naphthalene-d8	10.681	136	728596	20.000	ng	#-0.01
39) Acenaphthene-d10	14.510	164	478360	20.000	ng	-0.02
64) Phenanthrene-d10	17.263	188	991398	20.000	ng	#-0.01
76) Chrysene-d12	21.351	240	984973	20.000	ng	0.00
86) Perylene-d12	23.762	264	1049335	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	814216	73.388	ng	0.00
7) Phenol-d6	7.052	99	675439	44.543	ng	-0.01
23) Nitrobenzene-d5	9.046	82	1207249	96.495	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	1110389	179.046	ng	0.00
45) 2-Fluorobiphenyl	13.140	172	3115857	93.316	ng	-0.01
79) Terphenyl-d14	19.822	244	4699660	91.432	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	7.022	77	69118	8.092	ng	# 1
18) Hexachloroethane	8.987	117	129577	27.834	ng	# 1
22) Acetophenone	8.681	105	171962	9.795	ng	# 60
24) Nitrobenzene	9.063	77	24465	2.051	ng	# 6
27) 2,4-Dimethylphenol	9.893	122	30577	3.122	ng	95
31) Naphthalene	10.728	128	860267	23.135	ng	99
33) 4-Chloroaniline	10.728	127	117197	7.629	ng	# 35
35) Caprolactam	11.693	113	67949	19.334	ng	# 69
38) 1-Methylnaphthalene	12.557	142	202276	7.951	ng	# 98
48) 2-Nitroaniline	13.545	65	17217	2.562	ng	# 22

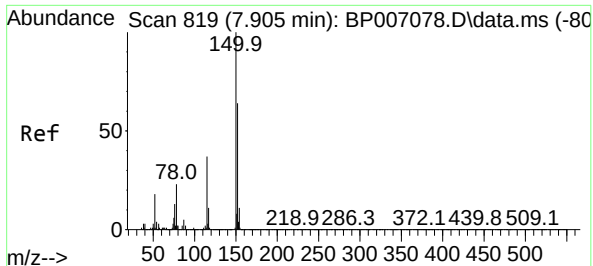
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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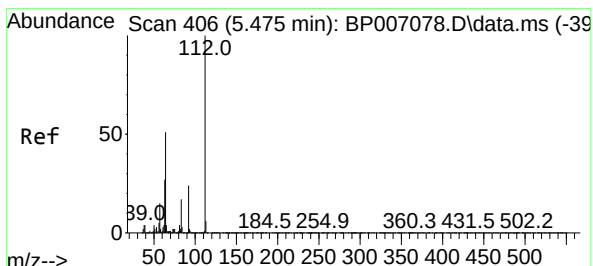
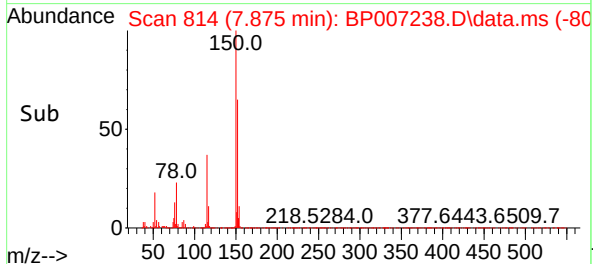
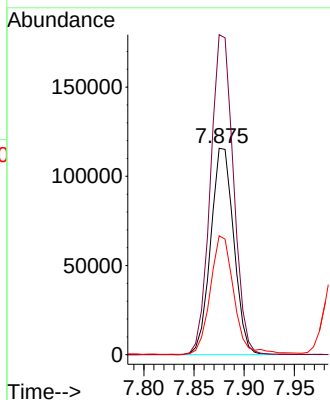
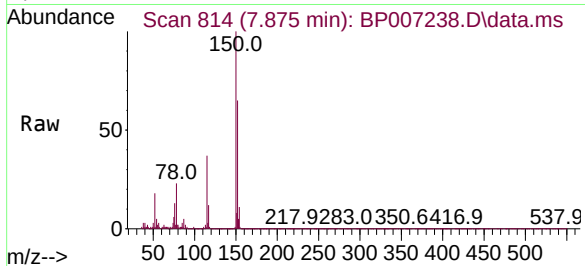




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.875 min Scan# 814
Delta R.T. -0.018 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

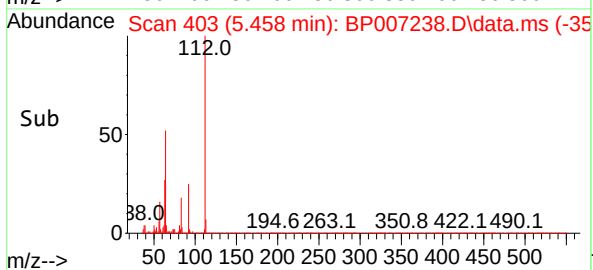
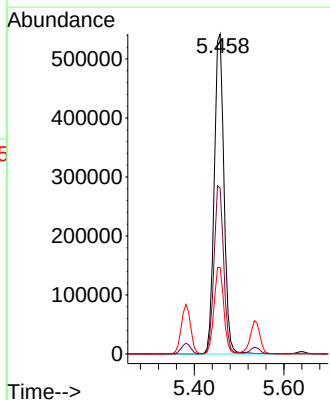
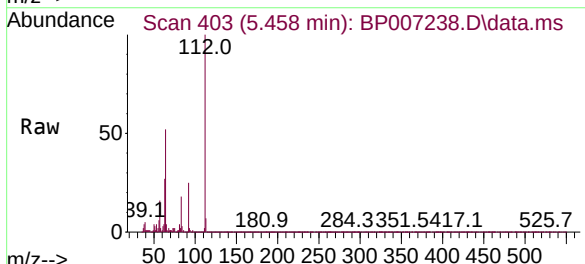
Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

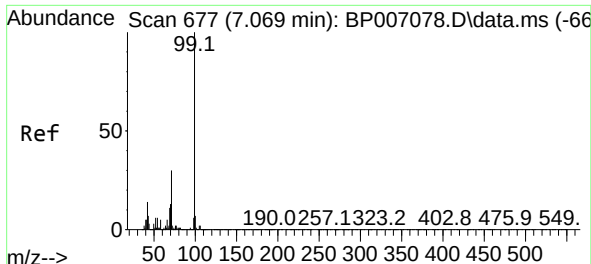
Tgt Ion:152 Resp: 185719
Ion Ratio Lower Upper
152 100
150 155.0 125.6 188.4
115 57.6 48.5 72.7



#5
2-Fluorophenol
Concen: 73.388 ng
RT: 5.458 min Scan# 403
Delta R.T. -0.006 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion:112 Resp: 814216
Ion Ratio Lower Upper
112 100
64 51.8 41.4 62.2
63 27.1 23.8 35.8

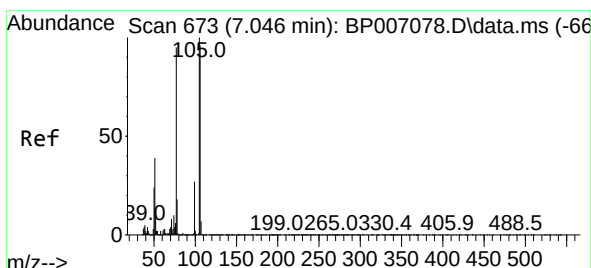
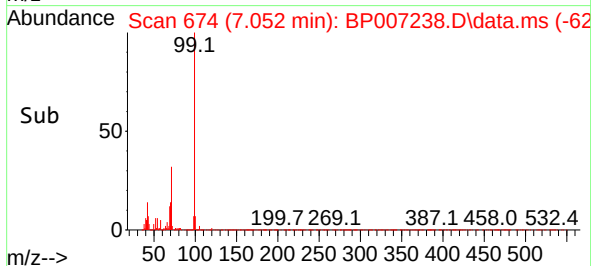
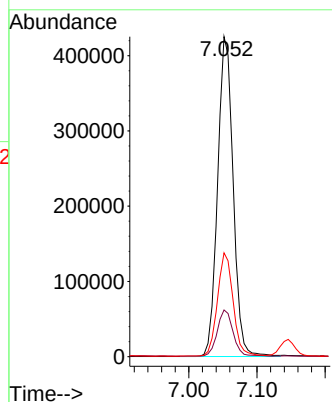
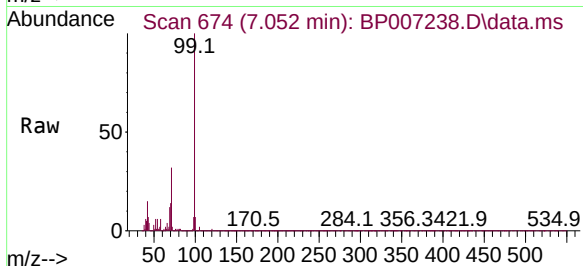




#7
Phenol-d6
Concen: 44.543 ng
RT: 7.052 min Scan# 674
Delta R.T. -0.012 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

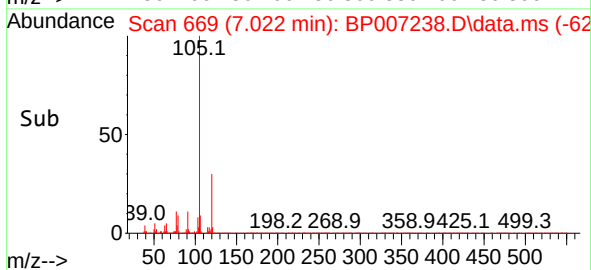
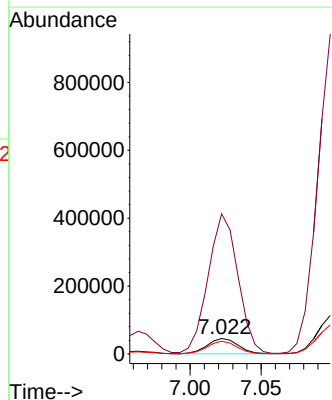
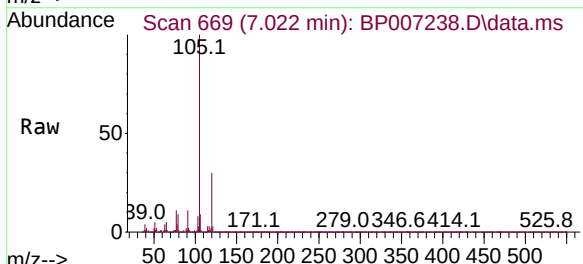
Instrument :
BNA_P
ClientSampleId :
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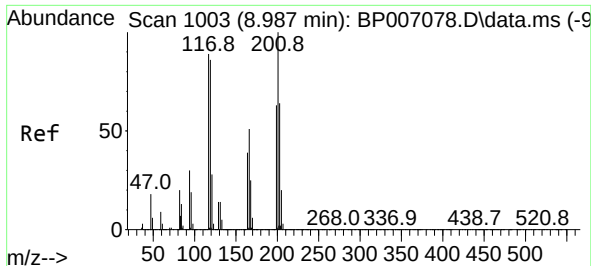
Tgt Ion:	99	Resp:	675439
Ion	Ratio	Lower	Upper
99	100		
42	14.6	13.4	20.0
71	32.4	30.6	46.0



#9
Benzaldehyde
Concen: 8.092 ng
RT: 7.022 min Scan# 669
Delta R.T. -0.012 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion:	77	Resp:	69118
Ion	Ratio	Lower	Upper
77	100		
105	904.6	76.7	116.7#
106	82.4	76.2	116.2

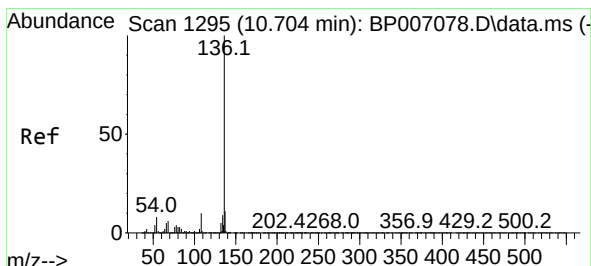
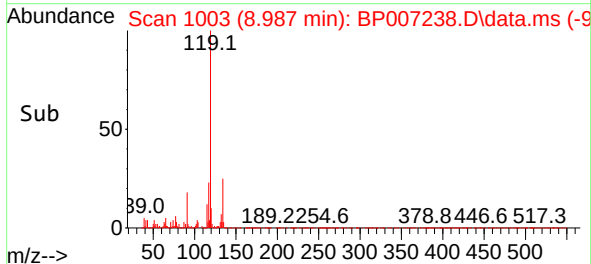
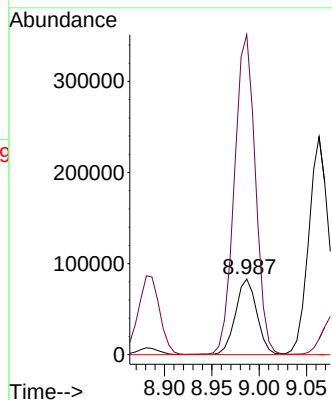
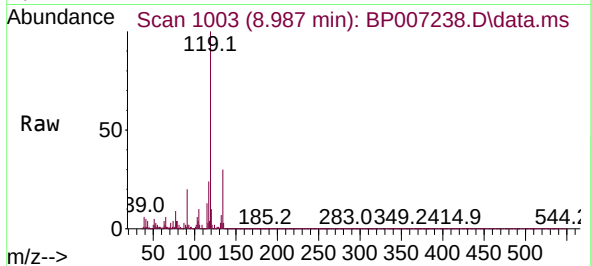




#18
Hexachloroethane
Concen: 27.834 ng
RT: 8.987 min Scan# 1003
Delta R.T. 0.012 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

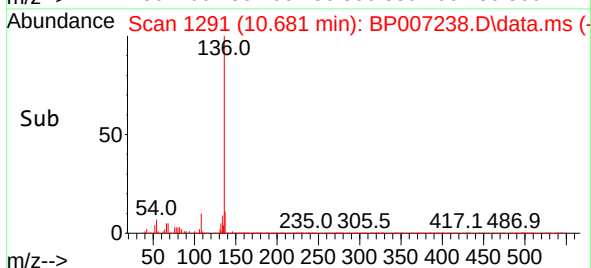
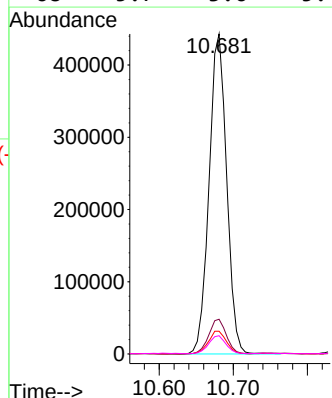
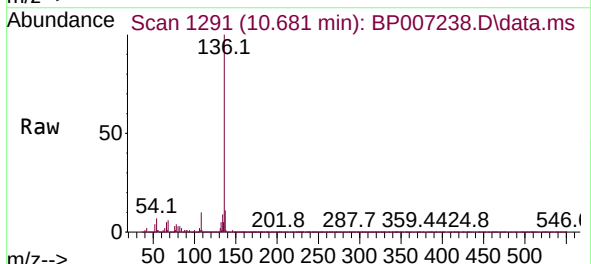
Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

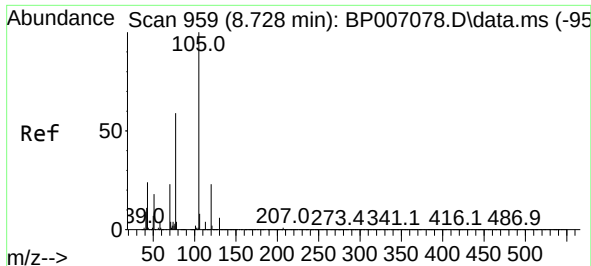
Tgt Ion:117 Resp: 129577
Ion Ratio Lower Upper
117 100
119 422.4 76.2 114.2#
201 0.0 83.4 125.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.681 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion:136 Resp: 728596
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.1 4.6 6.8#
68 5.7 3.6 5.4#

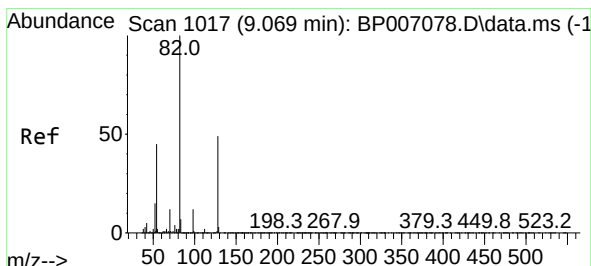
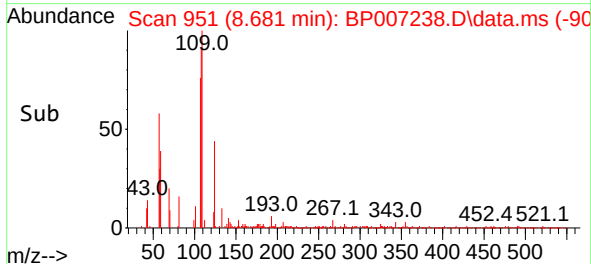
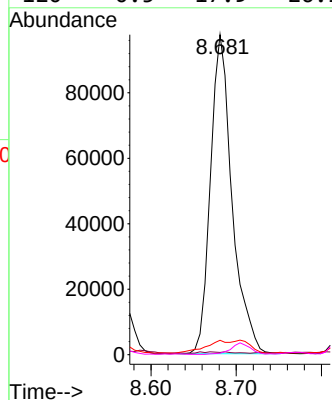
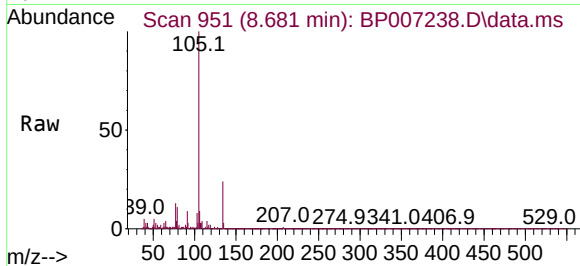




#22
Acetophenone
Concen: 9.795 ng
RT: 8.681 min Scan# 951
Delta R.T. -0.041 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

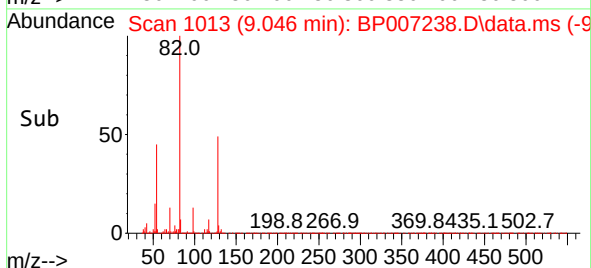
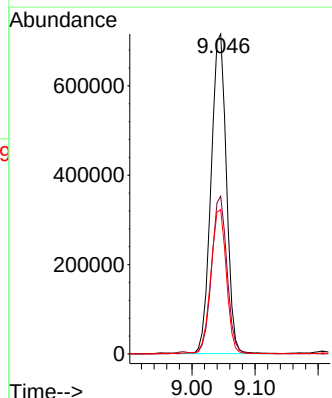
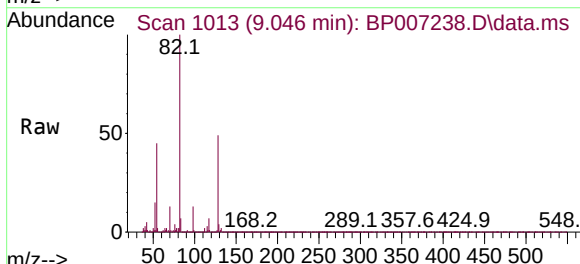
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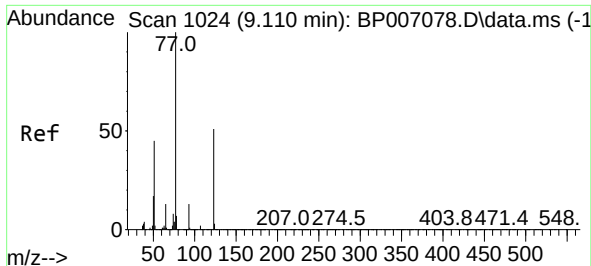
Tgt Ion:	105	Resp:	171962
Ion Ratio	Lower	Upper	
105	100		
71	0.7	1.9	2.9#
51	4.5	18.4	27.6#
120	0.5	17.9	26.9#



#23
Nitrobenzene-d5
Concen: 96.495 ng
RT: 9.046 min Scan# 1013
Delta R.T. -0.012 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion:	82	Resp:	1207249
Ion Ratio	Lower	Upper	
82	100		
128	49.3	35.7	53.5
54	45.1	35.0	52.4

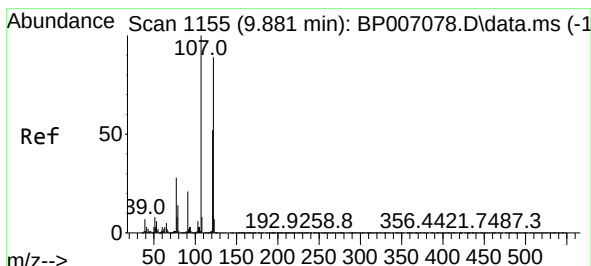
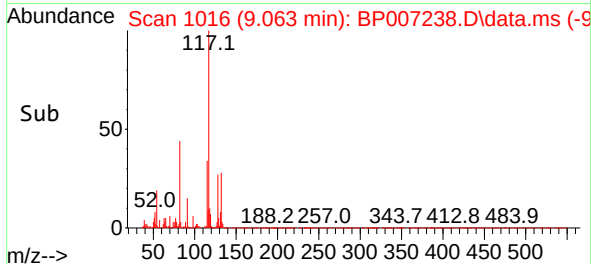
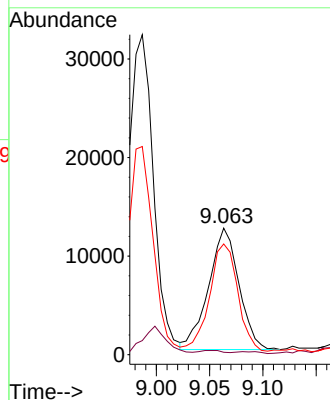
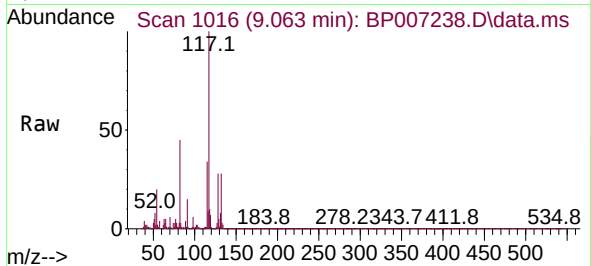




#24
Nitrobenzene
Concen: 2.051 ng
RT: 9.063 min Scan# 1016
Delta R.T. -0.035 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

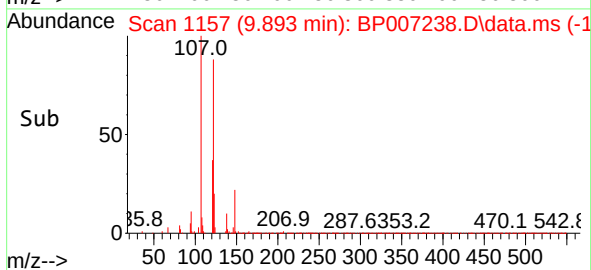
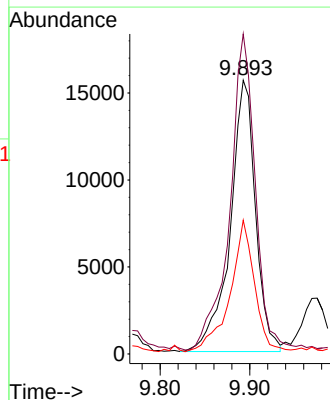
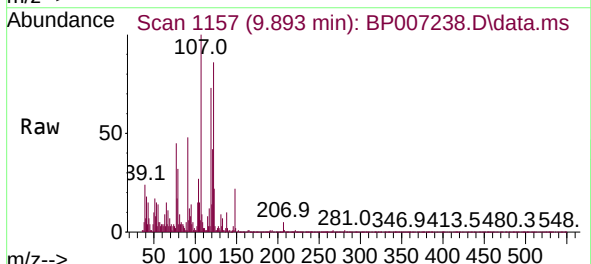
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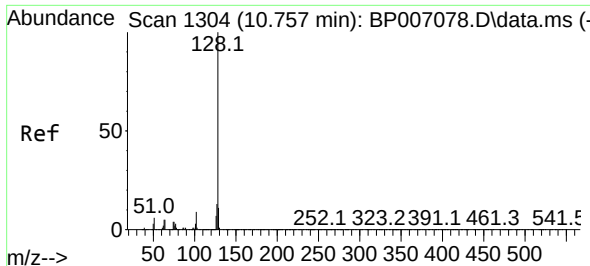
Tgt Ion: 77 Resp: 24465
Ion Ratio Lower Upper
77 100
123 1.9 38.2 57.2#
65 87.5 11.4 17.2#



#27
2,4-Dimethylphenol
Concen: 3.122 ng
RT: 9.893 min Scan# 1157
Delta R.T. 0.023 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion: 122 Resp: 30577
Ion Ratio Lower Upper
122 100
107 116.9 94.5 141.7
121 48.9 47.4 71.2

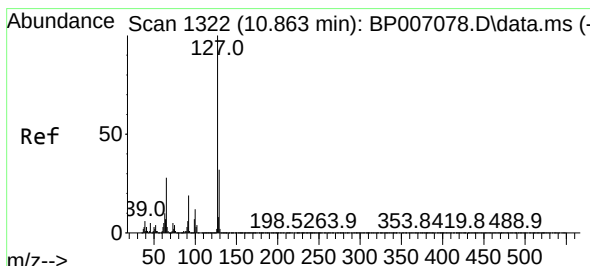
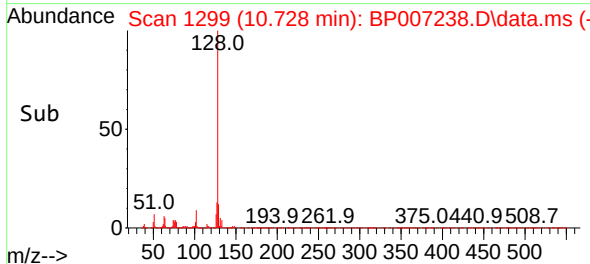
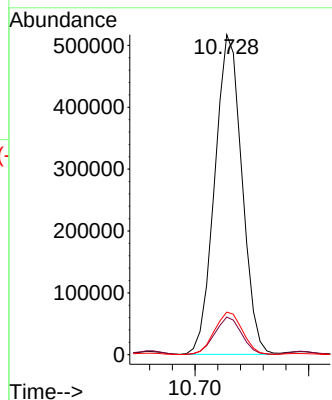
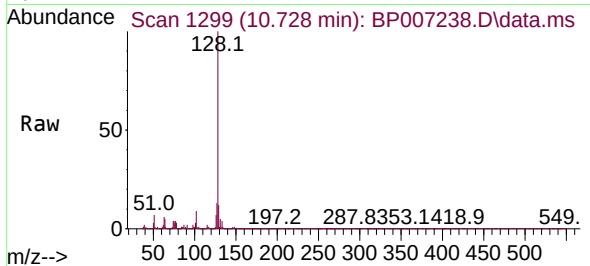




#31
Naphthalene
Concen: 23.135 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.018 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

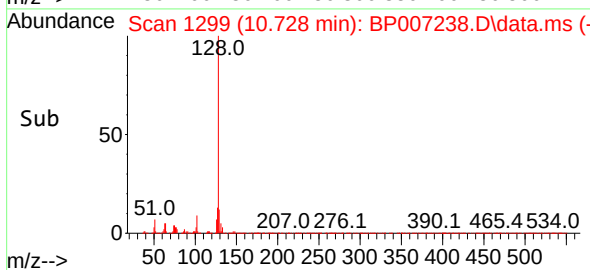
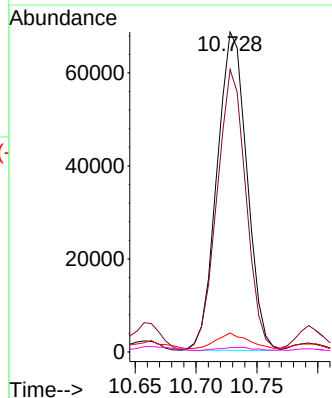
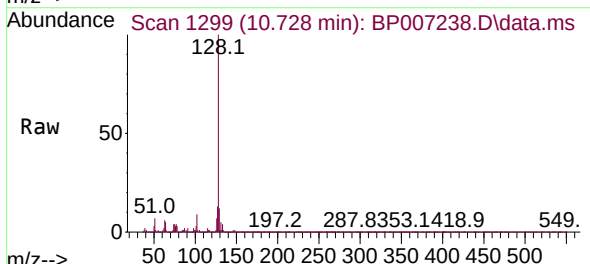
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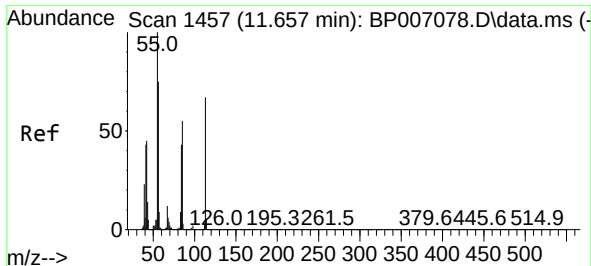
Tgt Ion:128	Resp: 860267
Ion Ratio	Lower Upper
128	100
129	11.7 9.0 13.6
127	13.3 10.7 16.1



#33
4-Chloroaniline
Concen: 7.629 ng
RT: 10.728 min Scan# 1299
Delta R.T. -0.130 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion:127	Resp: 117197
Ion Ratio	Lower Upper
127	100
129	88.2 26.1 39.1#
65	6.0 22.5 33.7#
92	1.3 15.0 22.6#

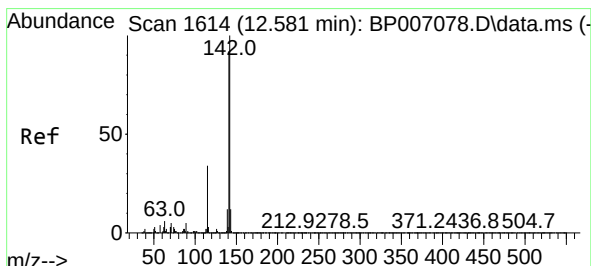
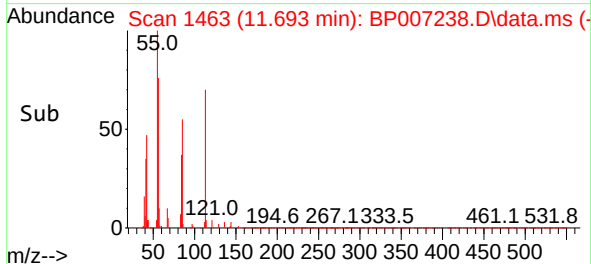
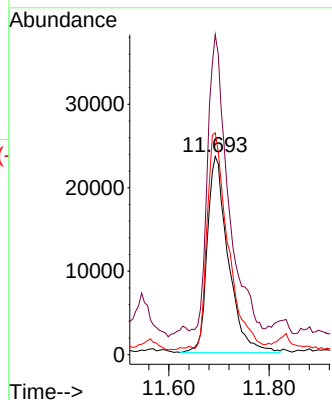
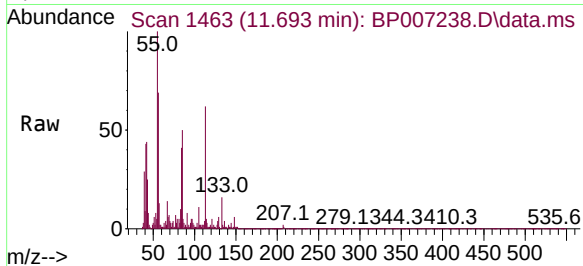




#35
Caprolactam
Concen: 19.334 ng
RT: 11.693 min Scan# 1463
Delta R.T. 0.047 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

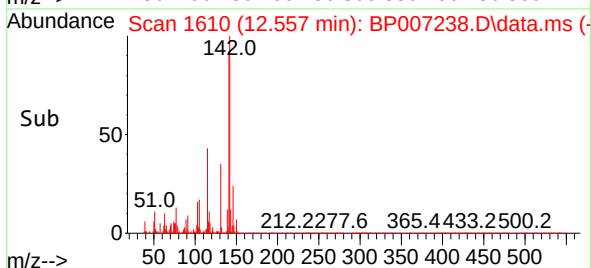
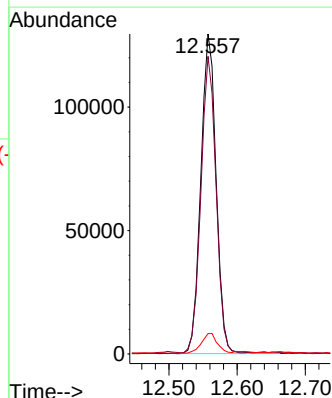
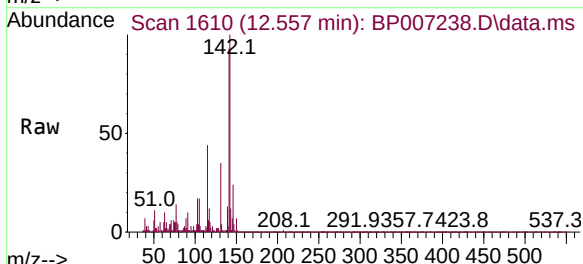
Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

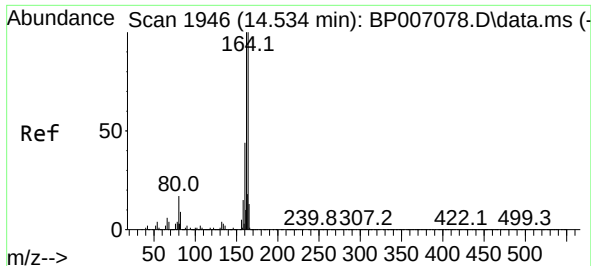
Tgt Ion:113 Resp: 67949
Ion Ratio Lower Upper
113 100
55 161.4 98.9 138.9#
56 112.0 71.7 111.7#



#38
1-Methylnaphthalene
Concen: 7.951 ng
RT: 12.557 min Scan# 1610
Delta R.T. -0.018 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion:142 Resp: 202276
Ion Ratio Lower Upper
142 100
141 93.0 73.3 109.9
116 6.4 3.5 5.3#

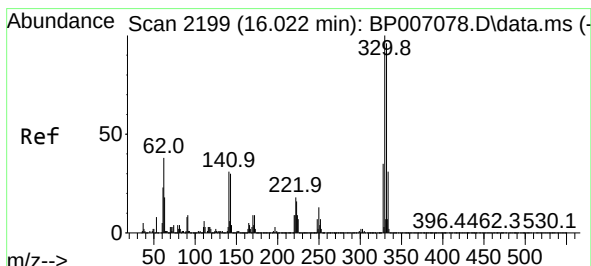
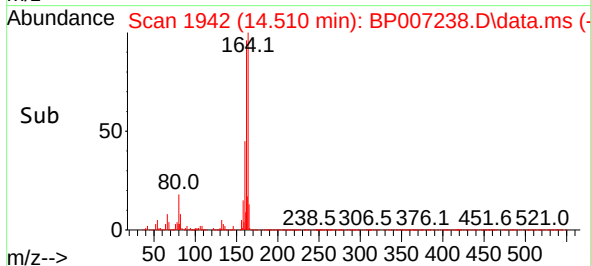
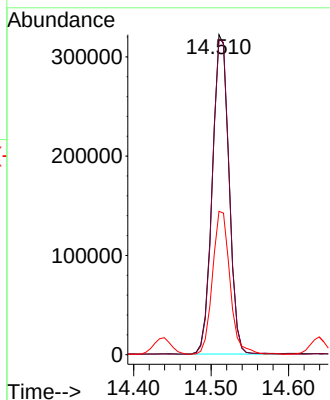
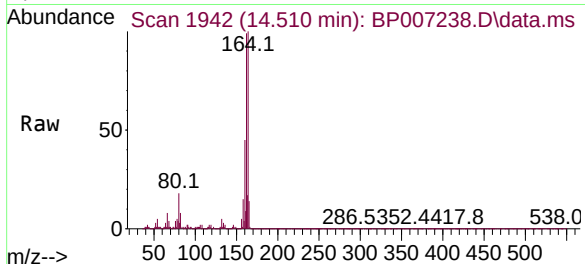




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1942
Delta R.T. -0.018 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

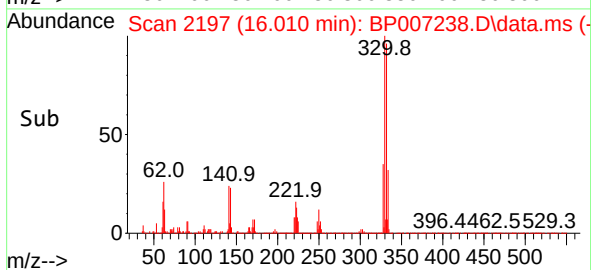
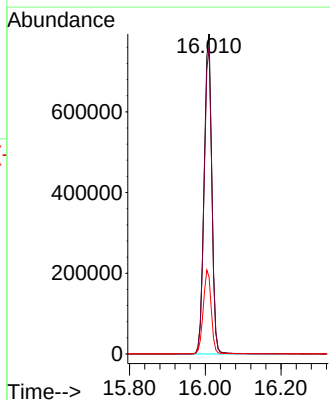
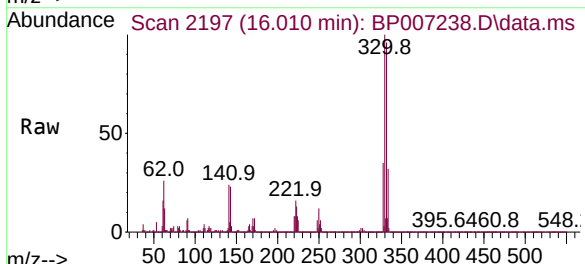
Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

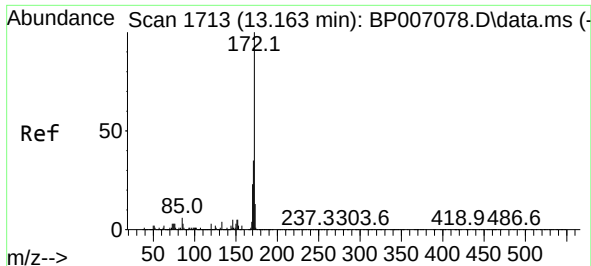
Tgt Ion:164 Resp: 478360
Ion Ratio Lower Upper
164 100
162 98.6 80.2 120.2
160 44.8 34.5 51.7



#42
2,4,6-Tribromophenol
Concen: 179.046 ng
RT: 16.010 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion:330 Resp: 1110389
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 26.9 25.4 38.2



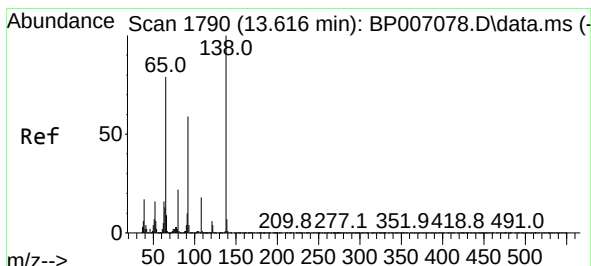
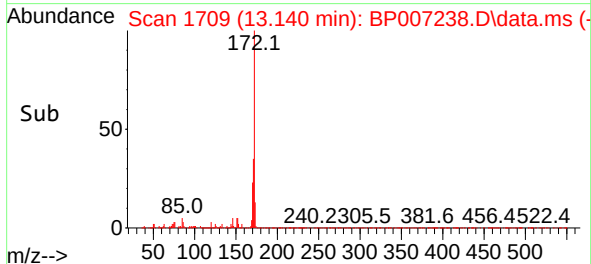
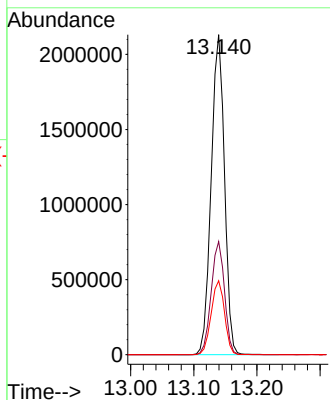
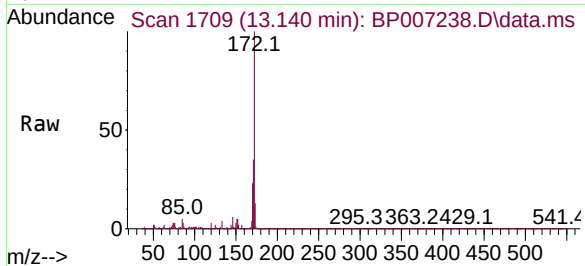


#45
2-Fluorobiphenyl
Concen: 93.316 ng
RT: 13.140 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

Tgt Ion:172 Resp: 3115857

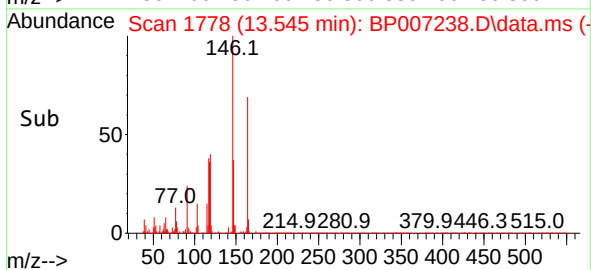
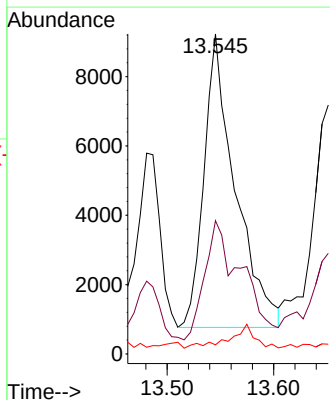
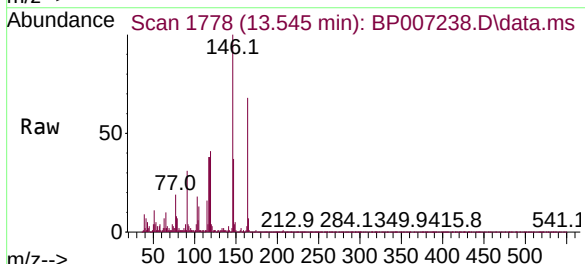
Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.9	41.9
170	23.1	18.6	27.8

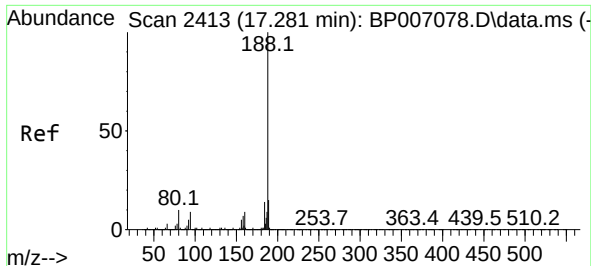


#48
2-Nitroaniline
Concen: 2.562 ng
RT: 13.545 min Scan# 1778
Delta R.T. -0.059 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion: 65 Resp: 17217

Ion	Ratio	Lower	Upper
65	100		
92	41.6	57.7	86.5#
138	2.9	92.1	138.1#

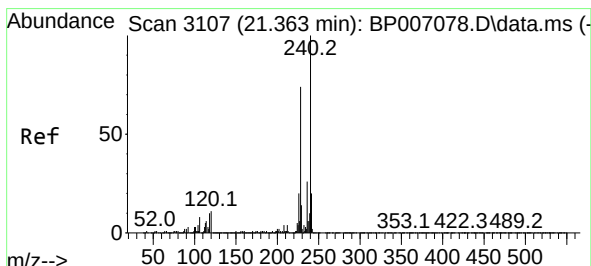
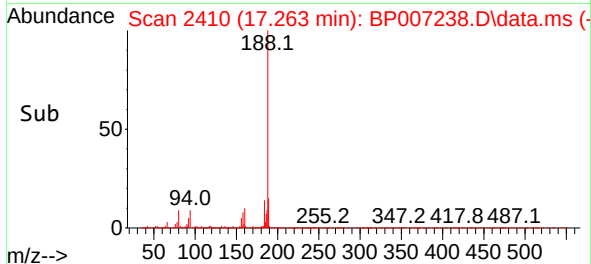
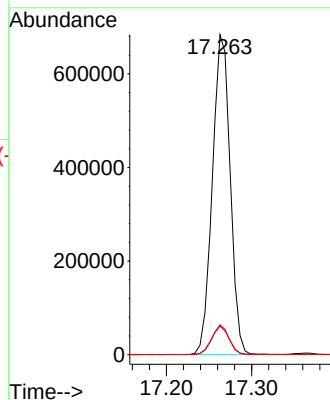
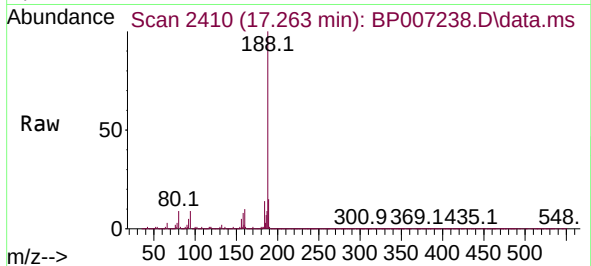




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.263 min Scan# 2410
Delta R.T. -0.012 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

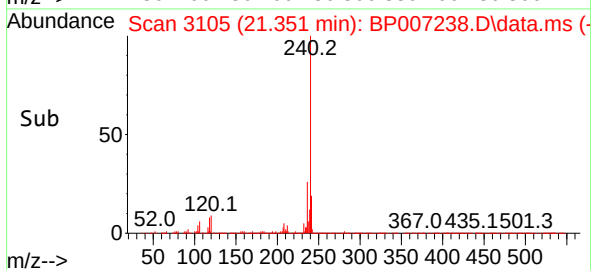
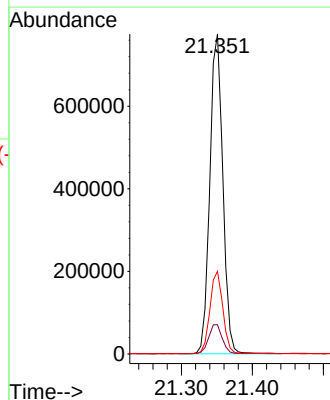
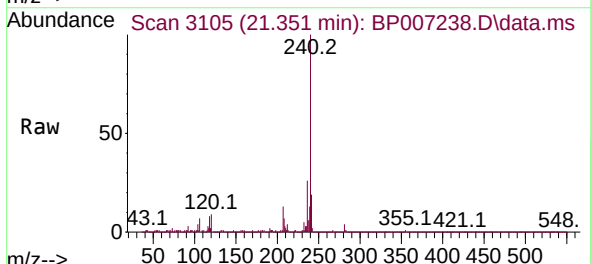
Instrument :
BNA_P
ClientSampleId :
RAMB-MW12-GW

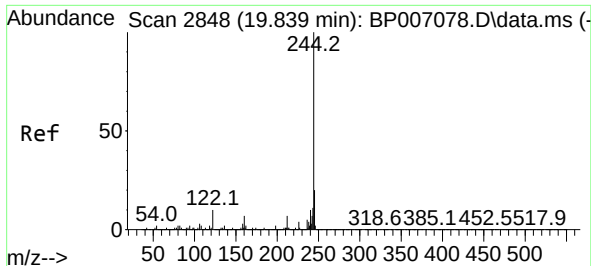
Tgt Ion:188 Resp: 991398
Ion Ratio Lower Upper
188 100
94 9.0 5.6 8.4#
80 9.3 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BP007238.D
Acq: 28 Sep 2021 19:19

Tgt Ion:240 Resp: 984973
Ion Ratio Lower Upper
240 100
120 9.2 6.5 9.7
236 25.9 20.6 31.0

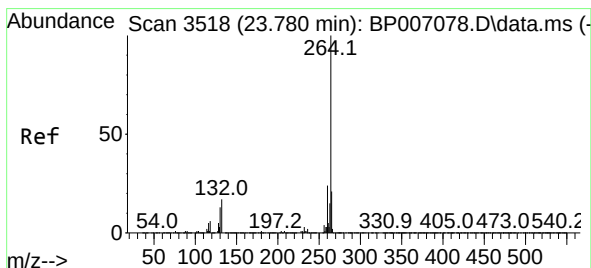
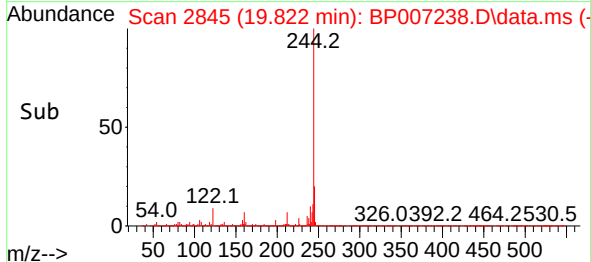
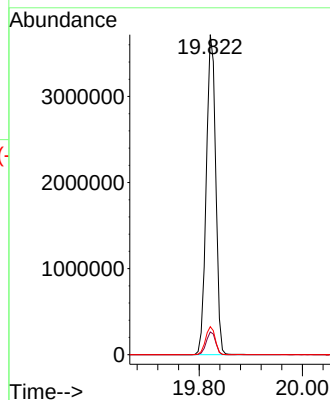
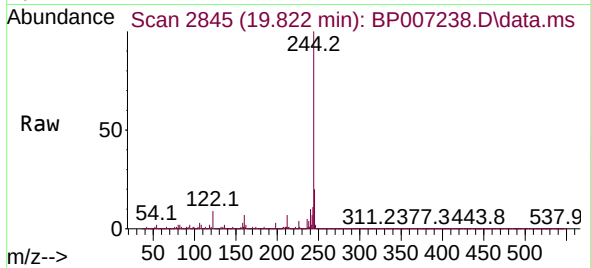




#79
 Terphenyl-d14
 Concen: 91.432 ng
 RT: 19.822 min Scan# 2845
 Delta R.T. -0.012 min
 Lab File: BP007238.D
 Acq: 28 Sep 2021 19:19

Instrument :
 BNA_P
 ClientSampleId :
 RAMB-MW12-GW

Tgt Ion:244 Resp: 4699660
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 8.8 7.1 10.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.762 min Scan# 3515
 Delta R.T. -0.006 min
 Lab File: BP007238.D
 Acq: 28 Sep 2021 19:19

Tgt Ion:264 Resp: 1049335
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 22.4 17.6 26.4

