

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010322\
 Data File : BP008651.D
 Acq On : 03 Jan 2022 22:45
 Operator : CG/JU
 Sample : M5251-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-1R

Quant Time: Jan 04 06:02:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP122821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 08:44:33 2021
 Response via : Initial Calibration

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

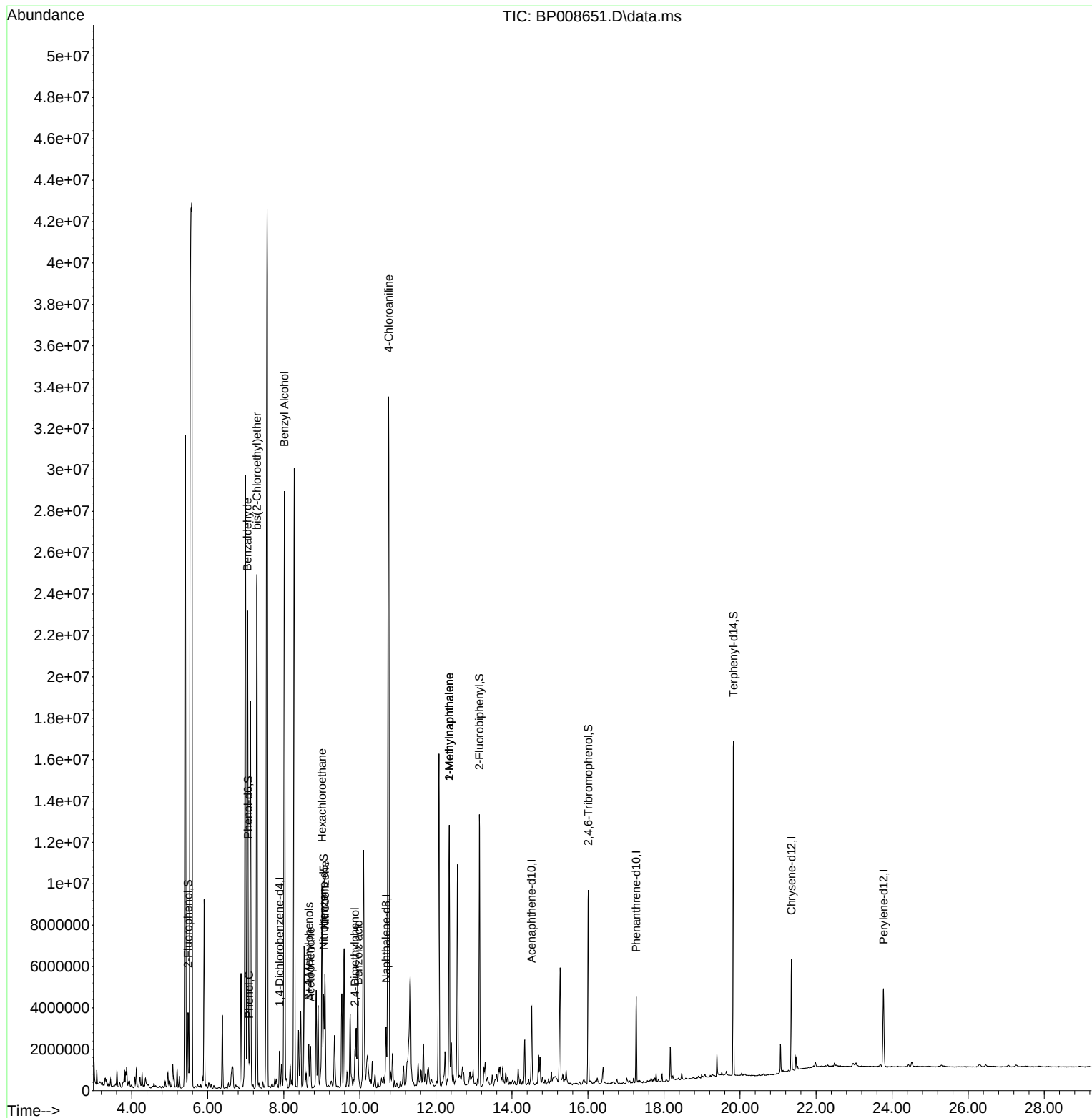
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.893	152	543847	20.000	ng	0.00
21) Naphthalene-d8	10.693	136	2060273	20.000	ng	0.00
39) Acenaphthene-d10	14.516	164	1328576	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	2559295	20.000	ng	0.00
76) Chrysene-d12	21.351	240	2632768	20.000	ng	-0.01
86) Perylene-d12	23.774	264	3061021	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1772009	59.472	ng	0.01
7) Phenol-d6	7.063	99	1525871	36.792	ng	0.00
23) Nitrobenzene-d5	9.046	82	2715527	78.409	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	2200026	122.393	ng	0.00
45) 2-Fluorobiphenyl	13.145	172	7240110	78.954	ng	-0.01
79) Terphenyl-d14	19.827	244	8084177	62.695	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.046	77	1739403	73.691	ng	# 1
10) Phenol	7.087	94	642764	15.352	ng	98
11) bis(2-Chloroethyl)ether	7.293	93	86846	2.572	ng	# 1
15) Benzyl Alcohol	8.016	79	1757904	59.177	ng	# 6
18) Hexachloroethane	9.004	117	1169039	85.807	ng	# 1
20) 3+4-Methylphenols	8.657	107	1024029	25.018	ng	91
22) Acetophenone	8.699	105	1506066	30.485	ng	# 63
24) Nitrobenzene	9.081	77	174612	5.294	ng	# 1
27) 2,4-Dimethylphenol	9.869	122	629687	22.275	ng	100
32) Benzoic acid	9.957	122	38650	2.165	ng	# 1
33) 4-Chloroaniline	10.757	127	5347683	116.623	ng	# 35
37) 2-Methylnaphthalene	12.351	142	6031645	74.934	ng	99
38) 1-Methylnaphthalene	12.351	142	6031348	76.640	ng	96

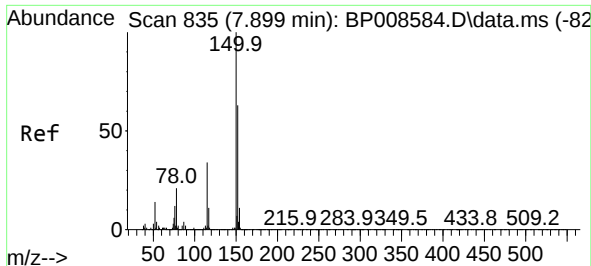
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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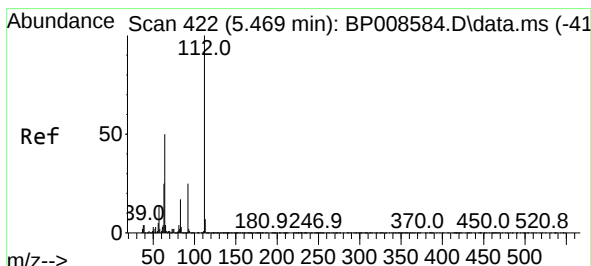
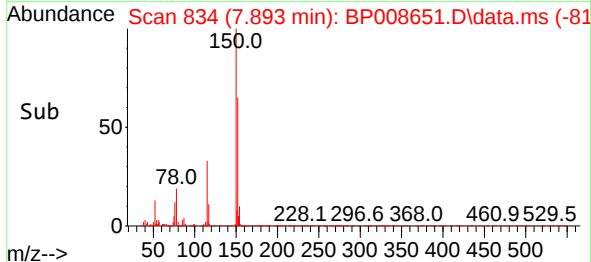
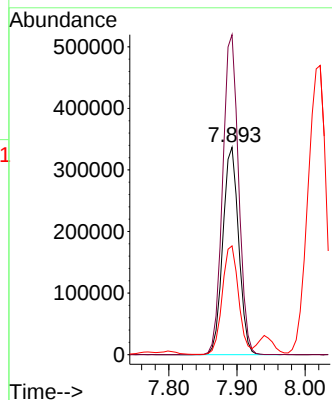
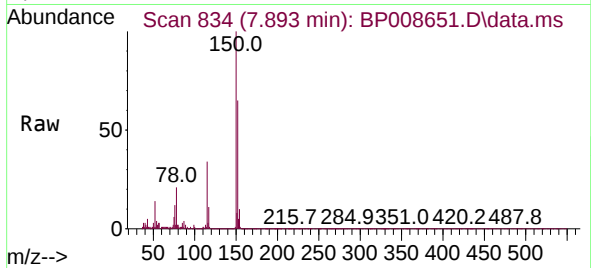




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.893 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

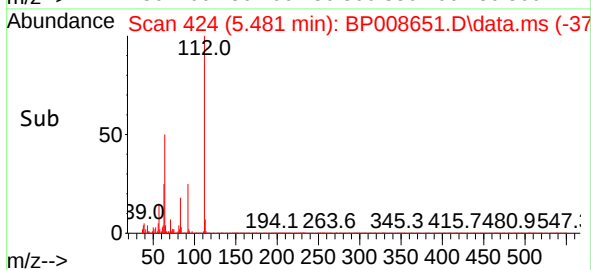
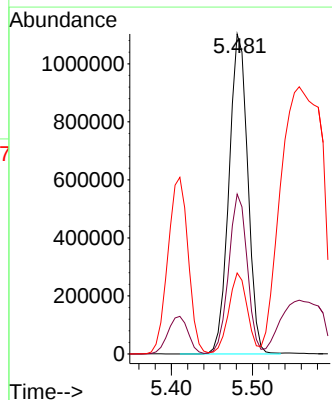
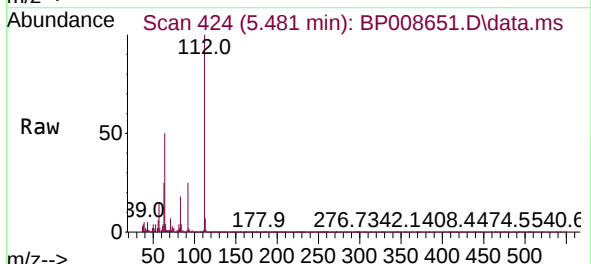
Instrument :
BNA_P
ClientSampleId :
MW-1R

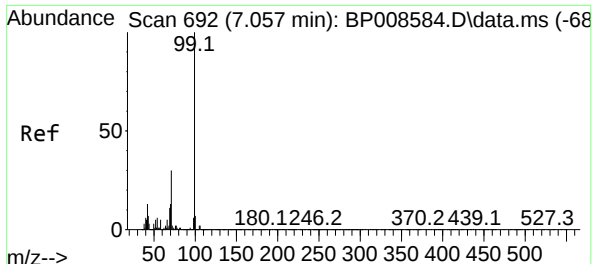
Tgt Ion:152 Resp: 543847
Ion Ratio Lower Upper
152 100
150 154.3 127.0 190.6
115 52.5 43.7 65.5



#5
2-Fluorophenol
Concen: 59.472 ng
RT: 5.481 min Scan# 424
Delta R.T. 0.012 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion:112 Resp: 1772009
Ion Ratio Lower Upper
112 100
64 49.9 39.7 59.5
63 25.3 20.0 30.0

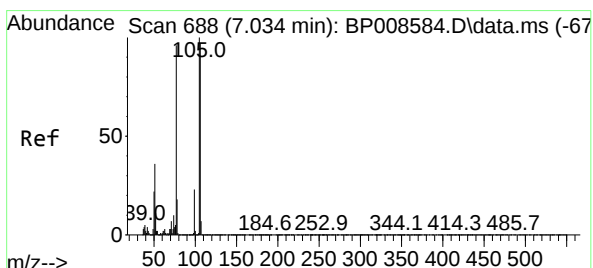
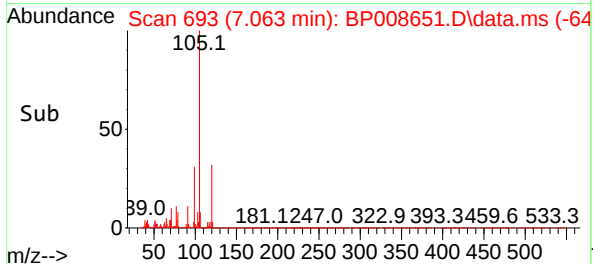
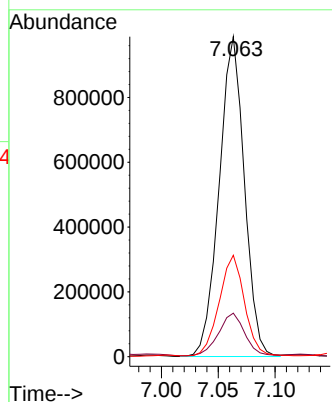
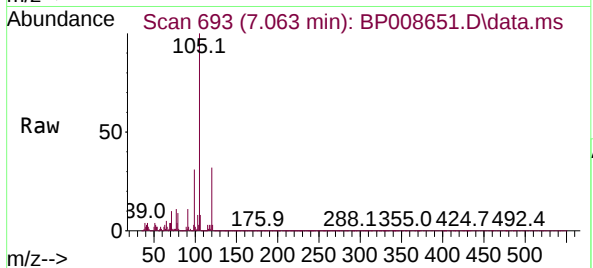




#7
Phenol-d6
Concen: 36.792 ng
RT: 7.063 min Scan# 691
Delta R.T. 0.006 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

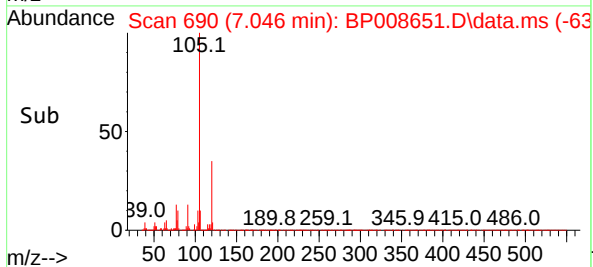
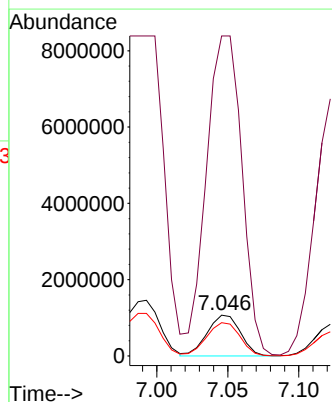
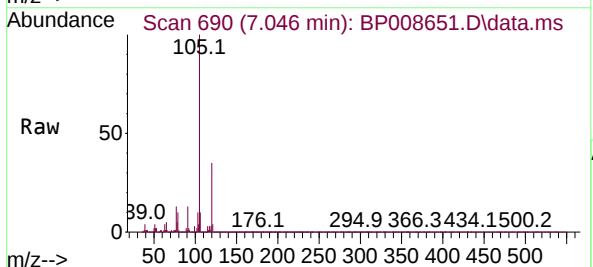
Instrument :
BNA_P
ClientSampleId :
MW-1R

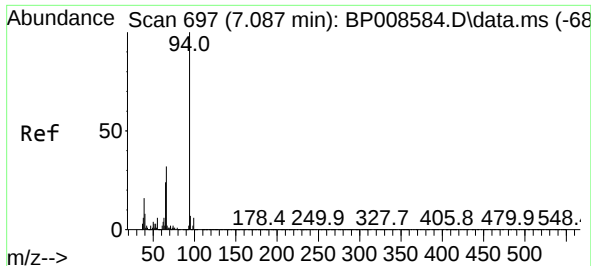
Tgt Ion: 99 Resp: 1525871
Ion Ratio Lower Upper
99 100
42 13.6 10.8 16.2
71 31.7 23.8 35.6



#9
Benzaldehyde
Concen: 73.691 ng
RT: 7.046 min Scan# 690
Delta R.T. 0.012 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion: 77 Resp: 1739403
Ion Ratio Lower Upper
77 100
105 783.9 84.2 124.2#
106 81.5 80.6 120.6



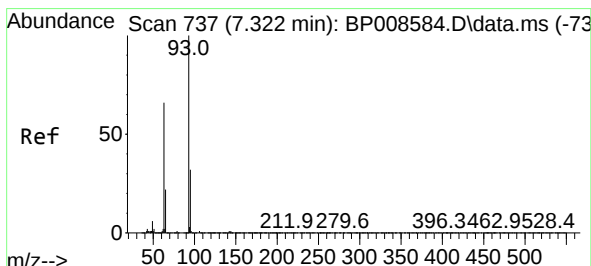
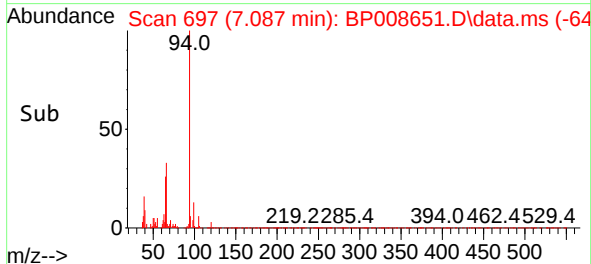
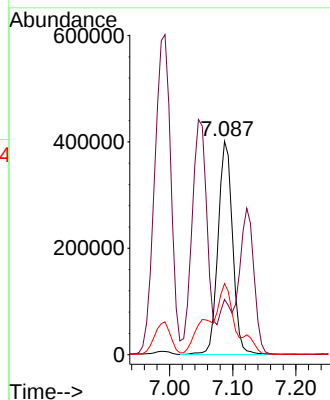
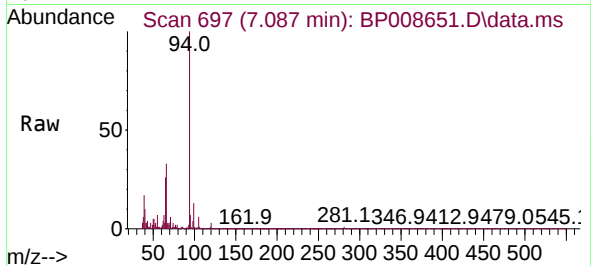


#10
Phenol
Concen: 15.352 ng
RT: 7.087 min Scan# 697
Delta R.T. -0.000 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Instrument :
BNA_P
ClientSampleId :
MW-1R

Tgt Ion: 94 Resp: 642764

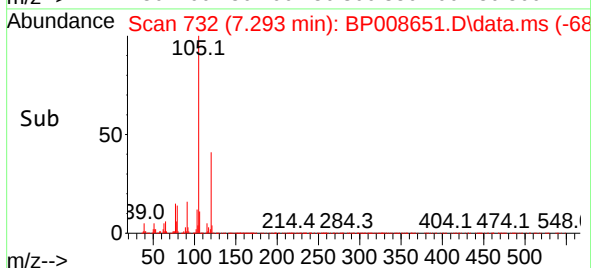
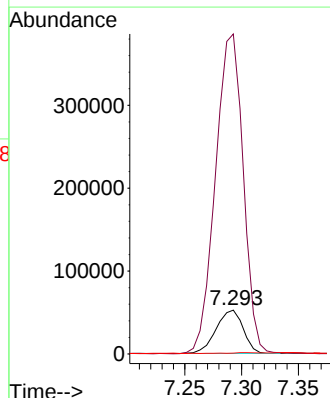
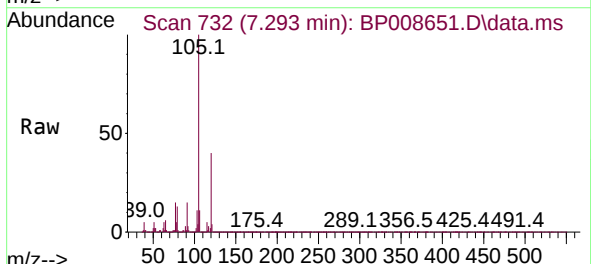
Ion	Ratio	Lower	Upper
94	100		
65	25.8	4.1	44.1
66	33.2	12.4	52.4

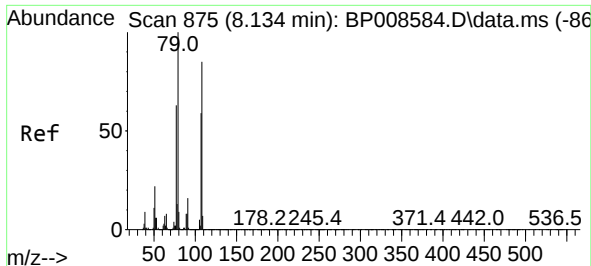


#11
bis(2-Chloroethyl)ether
Concen: 2.572 ng
RT: 7.293 min Scan# 732
Delta R.T. -0.029 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion: 93 Resp: 86846

Ion	Ratio	Lower	Upper
93	100		
63	730.5	46.0	86.0#
95	2.0	12.2	52.2#

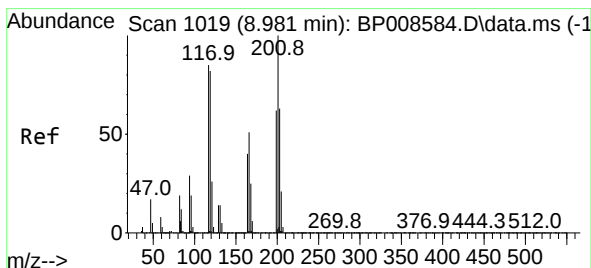
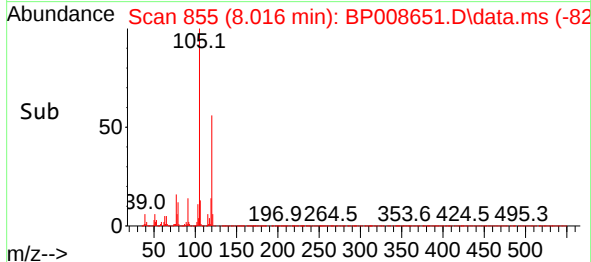
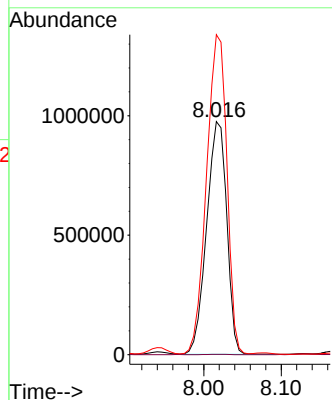
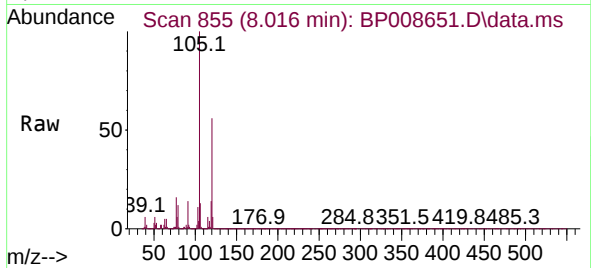




#15
Benzyl Alcohol
Concen: 59.177 ng
RT: 8.016 min Scan# 80
Delta R.T. -0.118 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

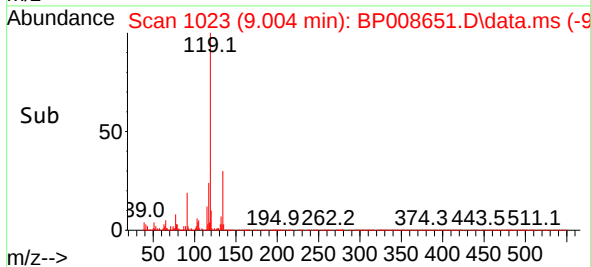
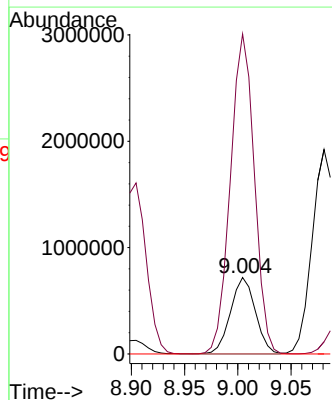
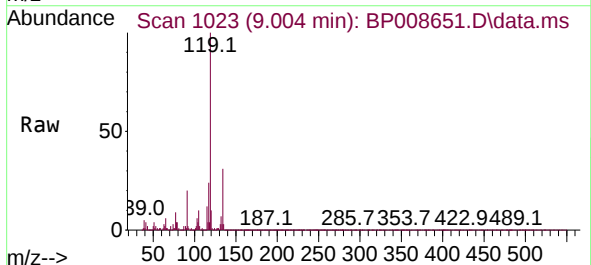
Instrument :
BNA_P
Client SampleId :
MW-1R

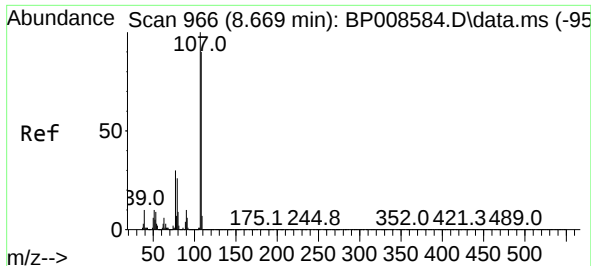
Tgt Ion: 79 Resp: 1757904
Ion Ratio Lower Upper
79 100
108 0.1 67.8 101.8#
77 137.3 50.7 76.1#



#18
Hexachloroethane
Concen: 85.807 ng
RT: 9.004 min Scan# 1023
Delta R.T. 0.023 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion: 117 Resp: 1169039
Ion Ratio Lower Upper
117 100
119 418.3 76.9 115.3#
201 0.0 93.7 140.5#



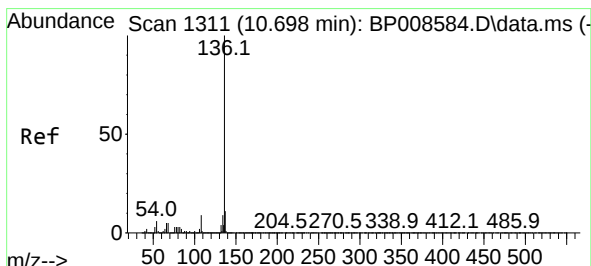
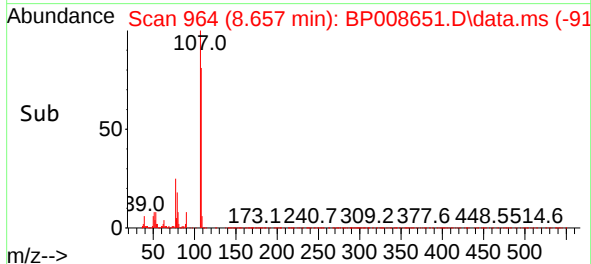
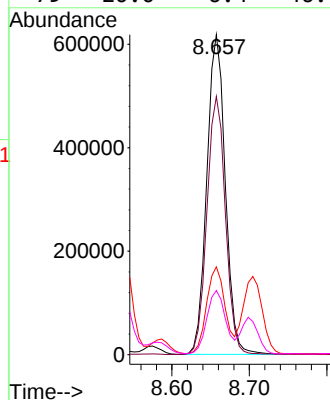
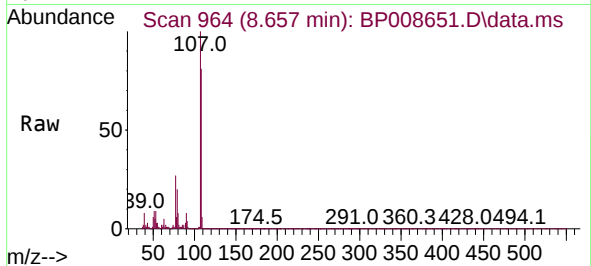


#20
3+4-Methylphenols
Concen: 25.018 ng
RT: 8.657 min Scan# 91
Delta R.T. -0.012 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Instrument :
BNA_P
ClientSampleId :
MW-1R

Tgt Ion:107 Resp: 1024029

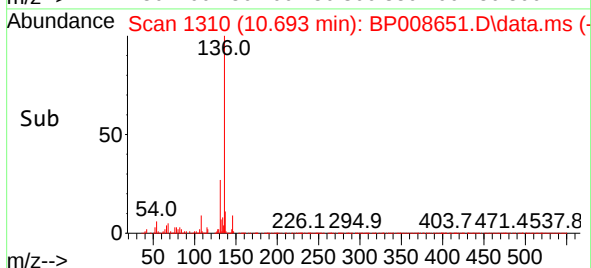
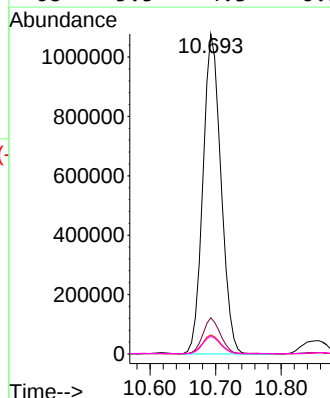
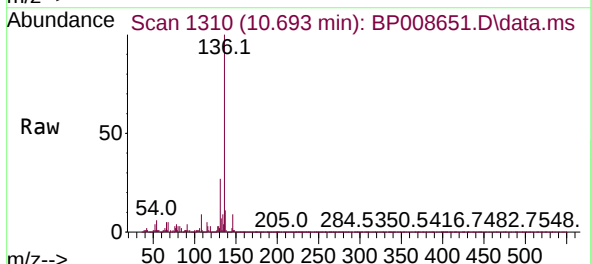
Ion	Ratio	Lower	Upper
107	100		
108	80.7	69.8	109.8
77	27.5	10.4	50.4
79	20.0	6.4	46.4

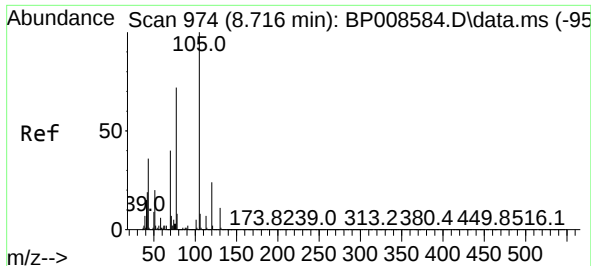


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.693 min Scan# 1310
Delta R.T. -0.006 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion:136 Resp: 2060273

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.0	4.9	7.3
68	5.5	4.3	6.5

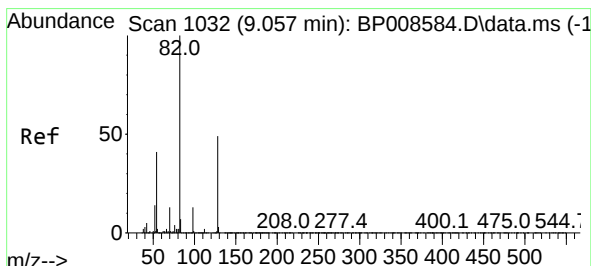
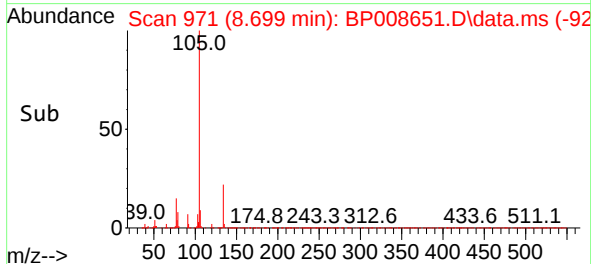
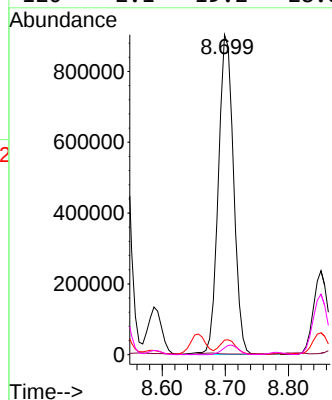
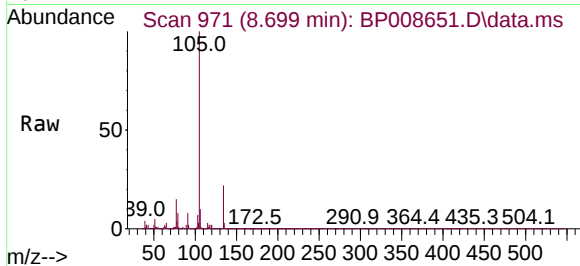




#22
Acetophenone
Concen: 30.485 ng
RT: 8.699 min Scan# 91
Delta R.T. -0.018 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

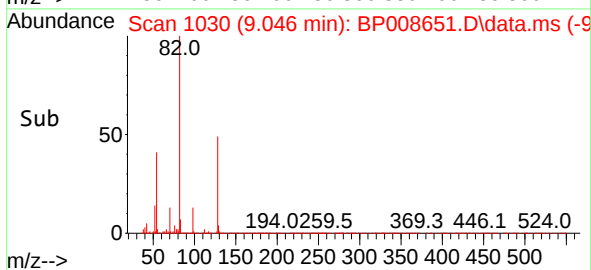
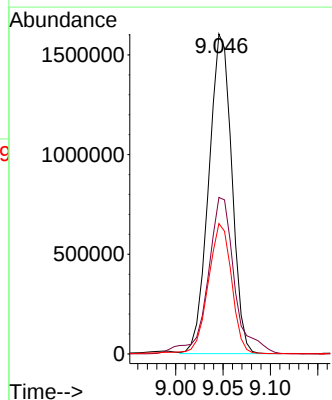
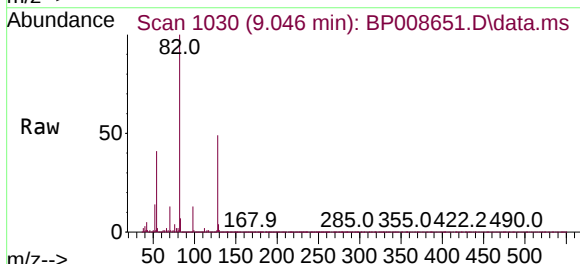
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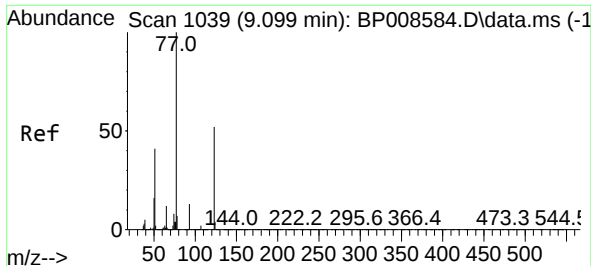
Tgt Ion:105 Resp: 1506066
Ion Ratio Lower Upper
105 100
71 0.2 5.3 7.9#
51 4.6 16.3 24.5#
120 2.1 19.2 28.8#



#23
Nitrobenzene-d5
Concen: 78.409 ng
RT: 9.046 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion: 82 Resp: 2715527
Ion Ratio Lower Upper
82 100
128 48.9 39.4 59.2
54 40.7 32.6 48.8

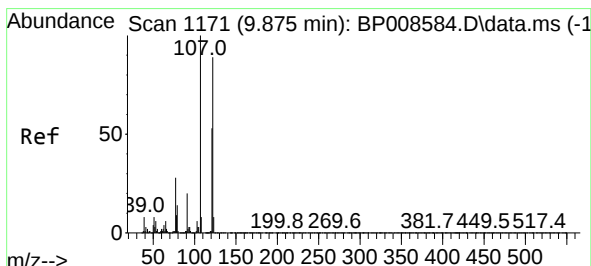
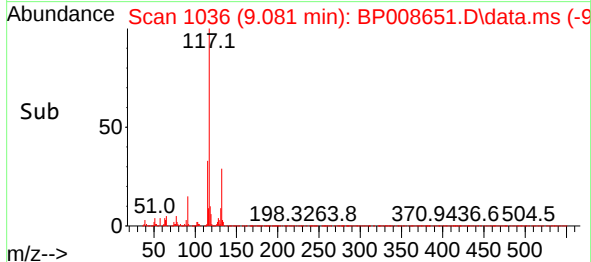
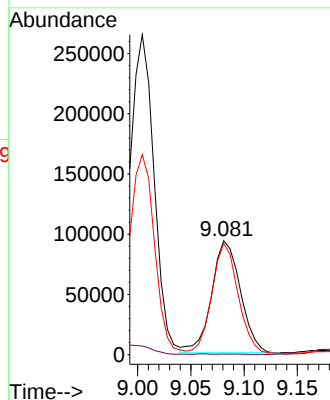
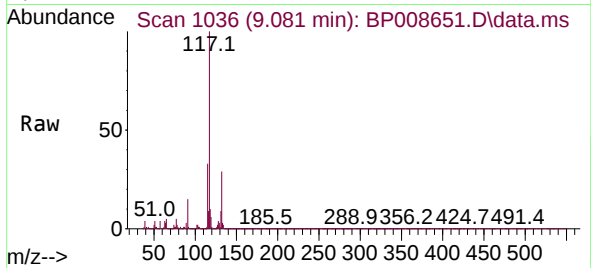




#24
Nitrobenzene
Concen: 5.294 ng
RT: 9.081 min Scan# 1036
Delta R.T. -0.018 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

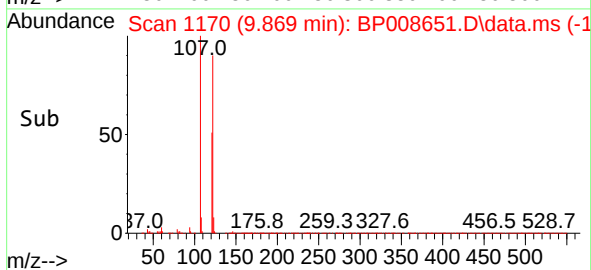
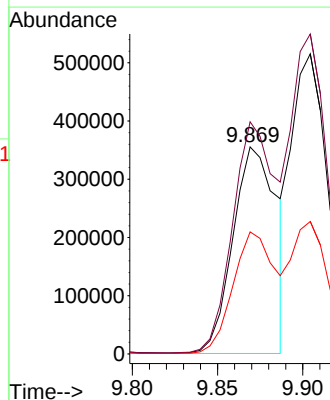
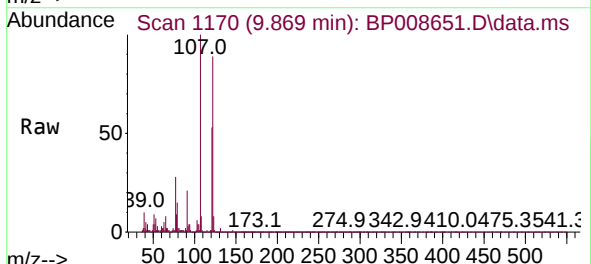
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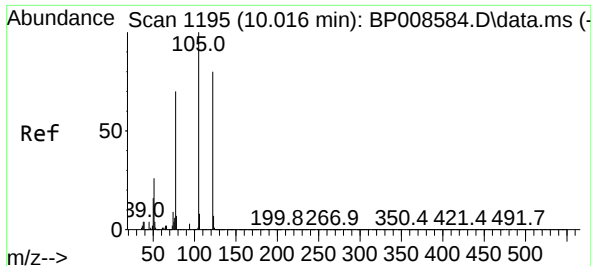
Tgt Ion: 77 Resp: 174612
Ion Ratio Lower Upper
77 100
123 0.6 41.4 62.2#
65 97.7 9.8 14.8#



#27
2,4-Dimethylphenol
Concen: 22.275 ng
RT: 9.869 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion: 122 Resp: 629687
Ion Ratio Lower Upper
122 100
107 112.2 89.6 134.4
121 59.0 47.8 71.8

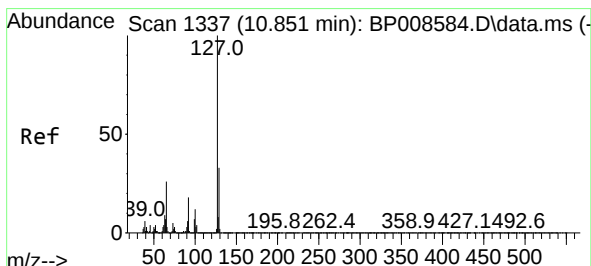
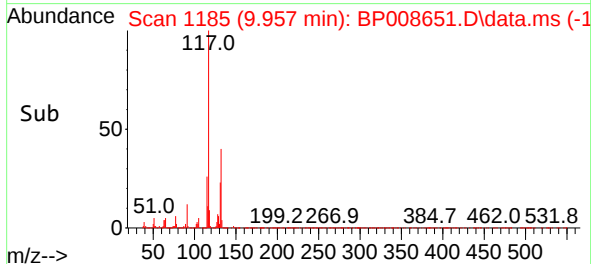
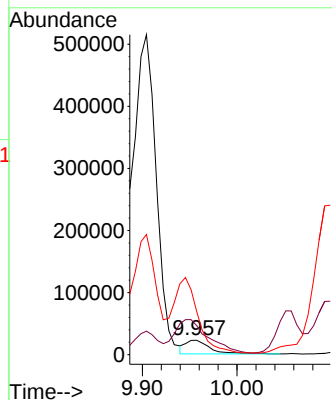
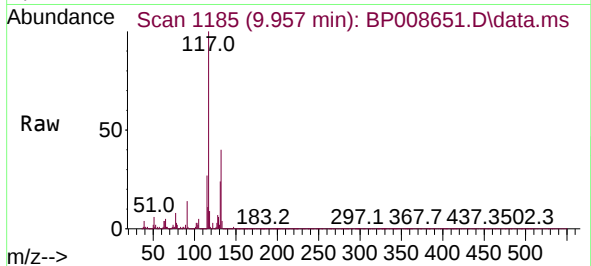




#32
Benzoic acid
Concen: 2.165 ng
RT: 9.957 min Scan# 1185
Delta R.T. -0.059 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

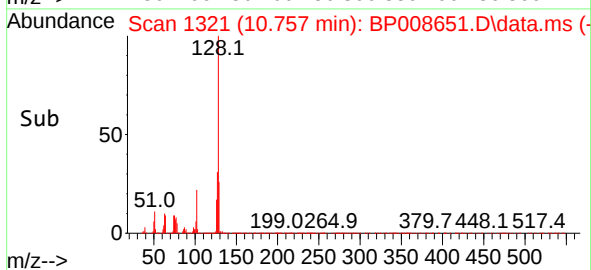
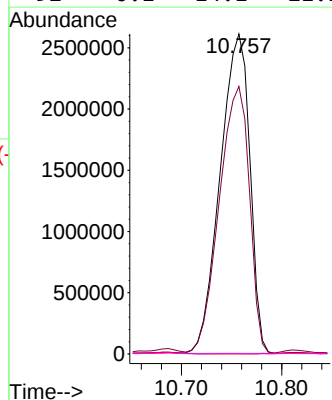
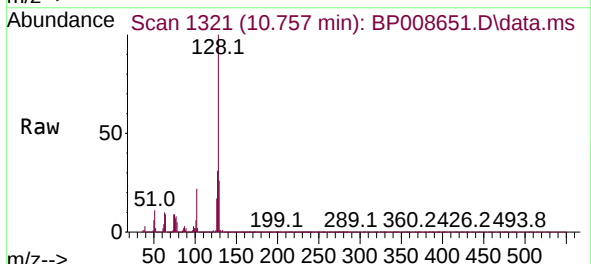
Instrument :
BNA_P
ClientSampleId :
MW-1R

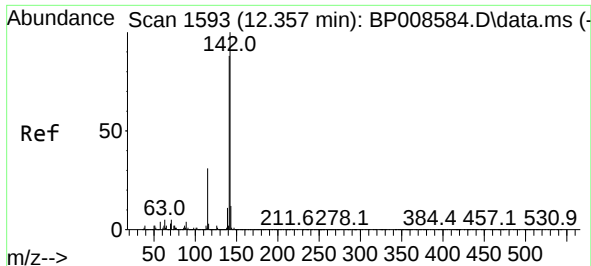
Tgt Ion:122 Resp: 38650
Ion Ratio Lower Upper
122 100
105 202.8 100.1 140.1#
77 300.8 65.5 105.5#



#33
4-Chloroaniline
Concen: 116.623 ng
RT: 10.757 min Scan# 1321
Delta R.T. -0.094 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion:127 Resp: 5347683
Ion Ratio Lower Upper
127 100
129 83.6 26.0 39.0#
65 0.0 20.5 30.7#
92 0.1 14.1 21.1#

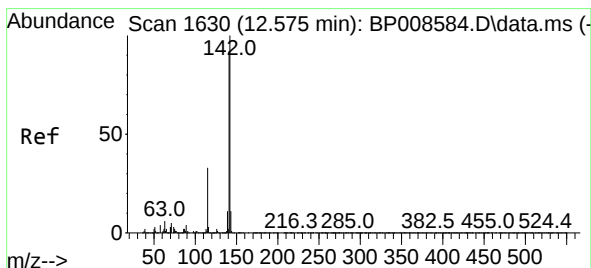
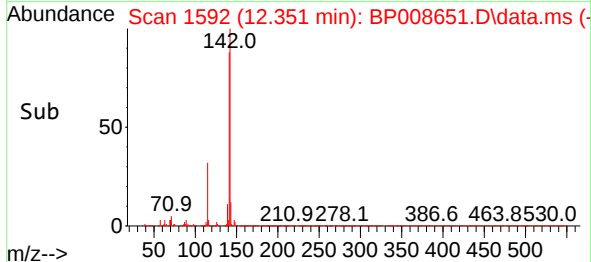
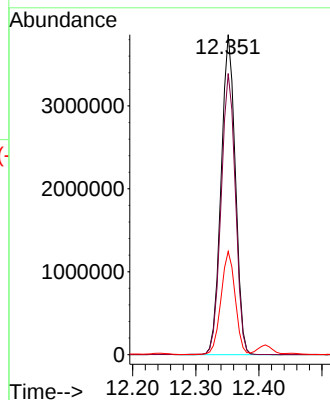
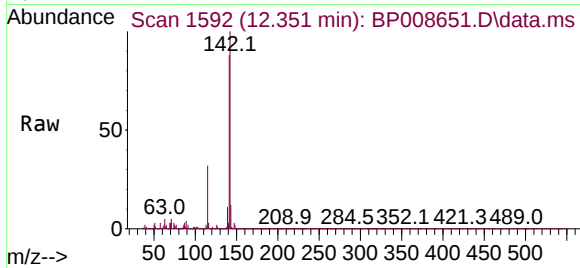




#37
2-Methylnaphthalene
Concen: 74.934 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.006 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

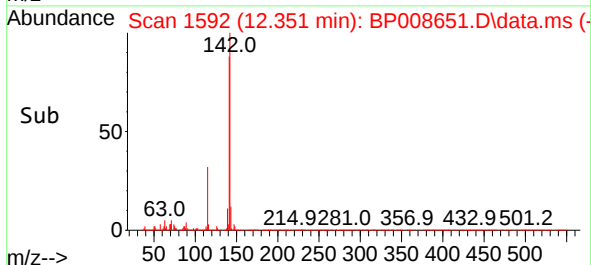
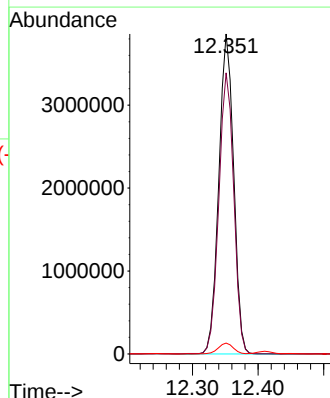
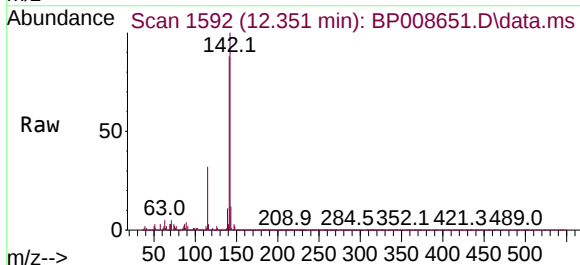
Instrument :
BNA_P
ClientSampleId :
MW-1R

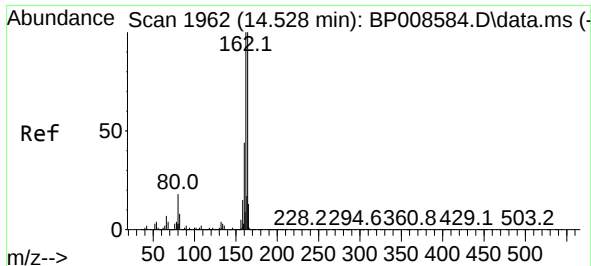
Tgt Ion:142 Resp: 6031645
Ion Ratio Lower Upper
142 100
141 87.8 70.5 105.7
115 32.3 24.6 36.8



#38
1-Methylnaphthalene
Concen: 76.640 ng
RT: 12.351 min Scan# 1592
Delta R.T. -0.224 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion:142 Resp: 6031348
Ion Ratio Lower Upper
142 100
141 87.8 73.2 109.8
116 3.4 2.7 4.1

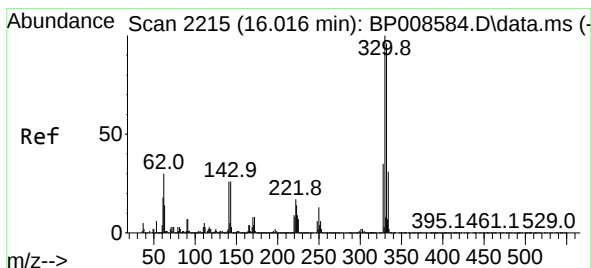
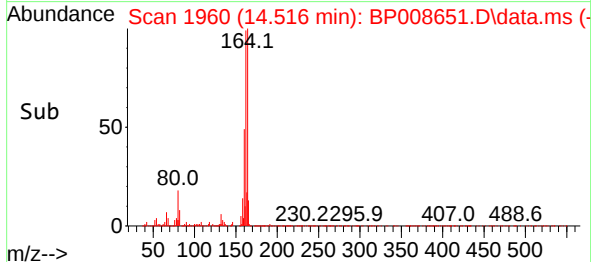
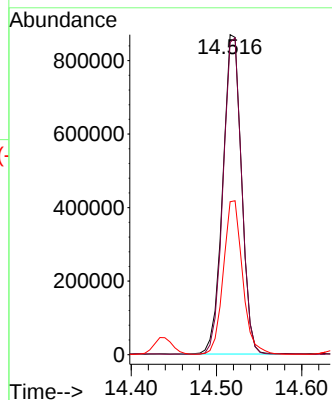
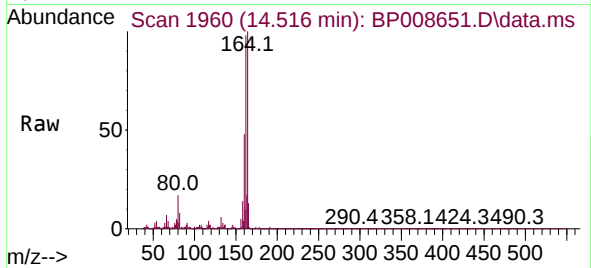




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.012 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

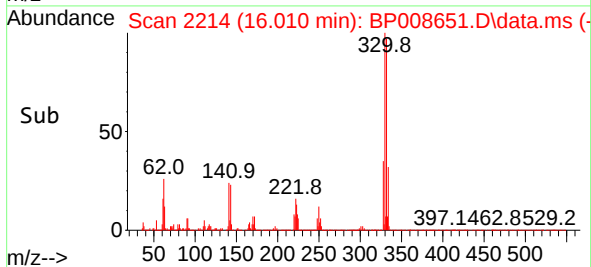
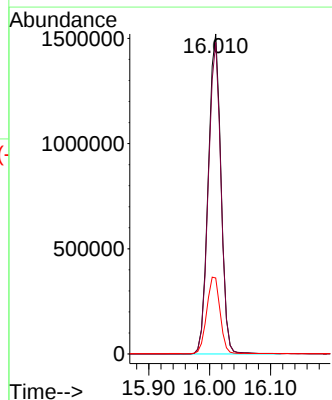
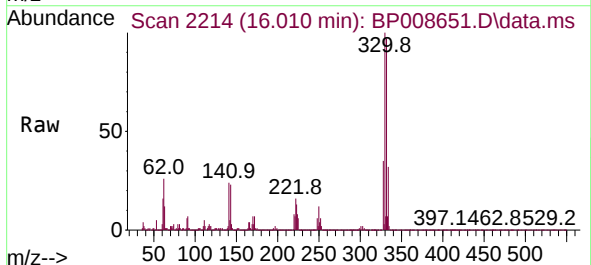
Instrument :
BNA_P
ClientSampleId :
MW-1R

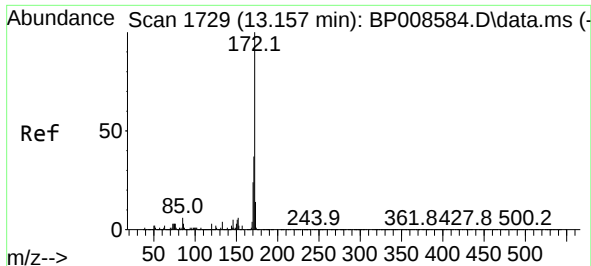
Tgt Ion:164 Resp: 1328576
Ion Ratio Lower Upper
164 100
162 97.6 79.9 119.9
160 47.8 35.5 53.3



#42
2,4,6-Tribromophenol
Concen: 122.393 ng
RT: 16.010 min Scan# 2214
Delta R.T. -0.006 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion:330 Resp: 2200026
Ion Ratio Lower Upper
330 100
332 96.8 77.0 115.4
141 25.3 21.3 31.9

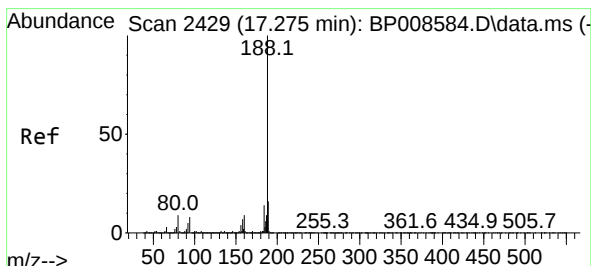
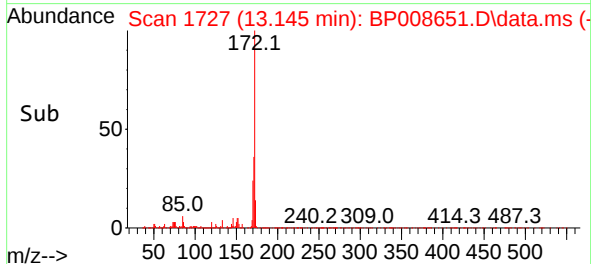
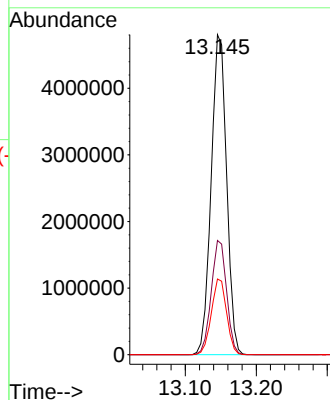
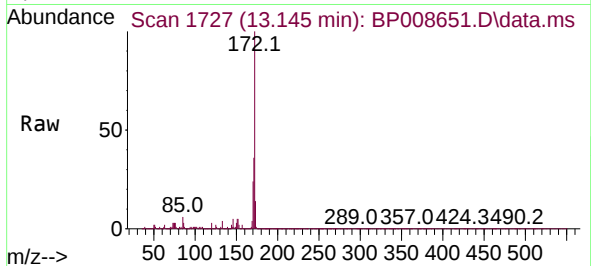




#45
2-Fluorobiphenyl
Concen: 78.954 ng
RT: 13.145 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

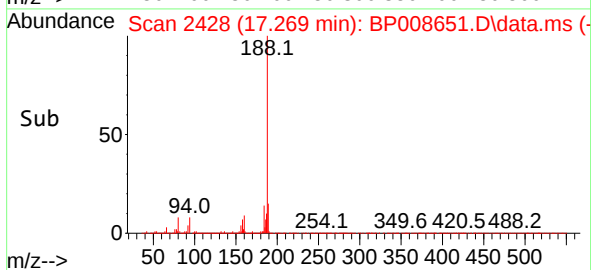
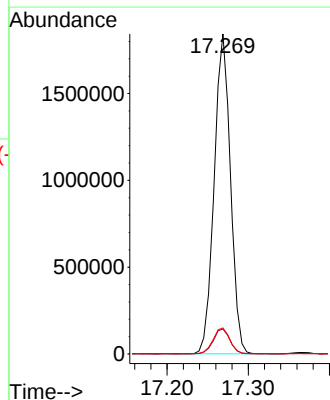
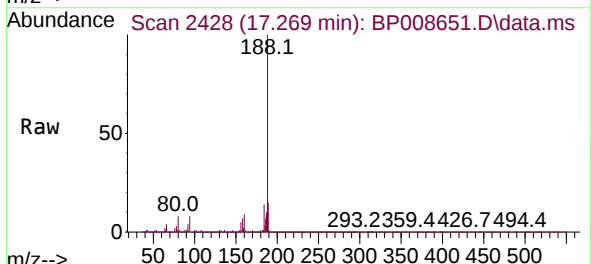
Instrument :
BNA_P
ClientSampleId :
MW-1R

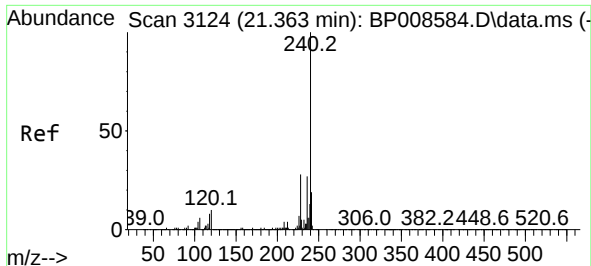
Tgt Ion:172 Resp: 7240110
Ion Ratio Lower Upper
172 100
171 35.7 29.3 43.9
170 23.7 19.5 29.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.269 min Scan# 2428
Delta R.T. -0.006 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion:188 Resp: 2559295
Ion Ratio Lower Upper
188 100
94 7.8 6.8 10.2
80 8.2 7.2 10.8

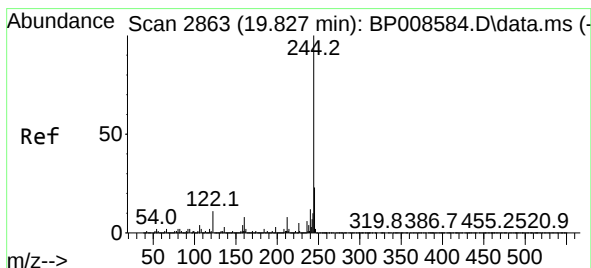
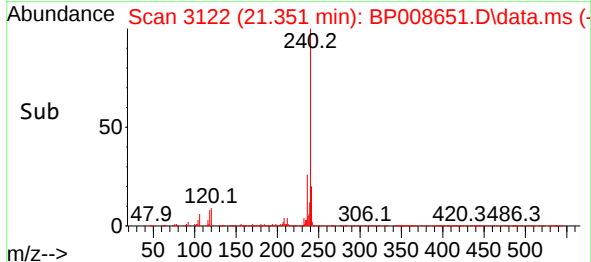
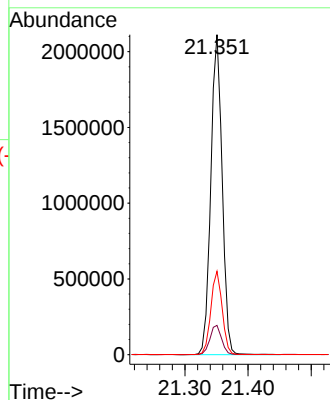
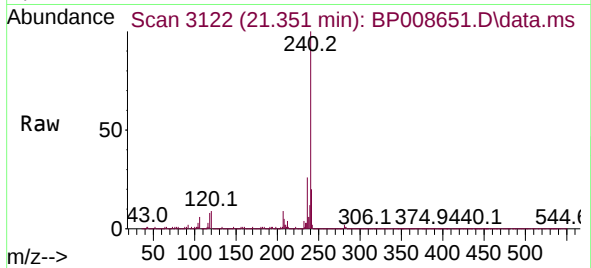




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.351 min Scan# 3124
Delta R.T. -0.012 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

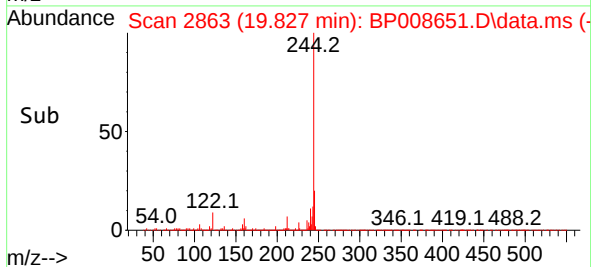
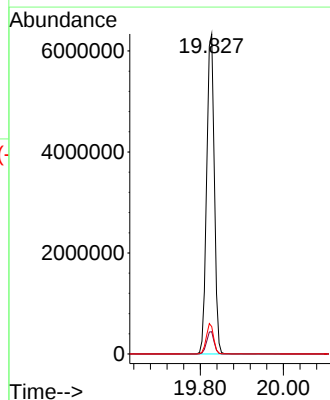
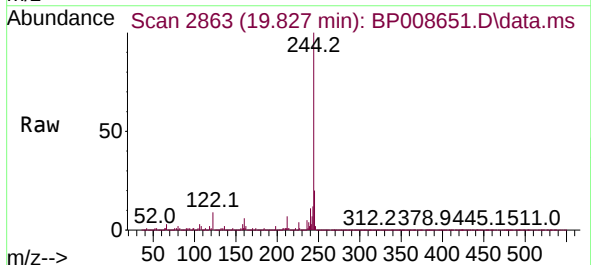
Instrument :
BNA_P
ClientSampleId :
MW-1R

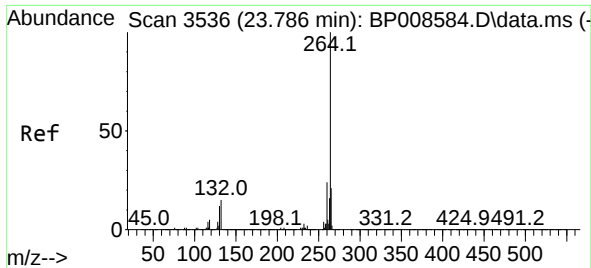
Tgt Ion:240 Resp: 2632768
Ion Ratio Lower Upper
240 100
120 9.2 7.7 11.5
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 62.695 ng
RT: 19.827 min Scan# 2863
Delta R.T. 0.000 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Tgt Ion:244 Resp: 8084177
Ion Ratio Lower Upper
244 100
212 6.9 6.5 9.7
122 8.6 9.2 13.8#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.774 min Scan# 30
Delta R.T. -0.012 min
Lab File: BP008651.D
Acq: 03 Jan 2022 22:45

Instrument :
BNA_P
ClientSampleId :
MW-1R

Tgt Ion:264 Resp: 3061021

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.1	28.7
265	22.2	17.1	25.7

