

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082621\
 Data File : BM031919.D
 Acq On : 26 Aug 2021 18:21
 Operator : CG/JU
 Sample : PB138117BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB138117BL

Quant Time: Aug 27 04:50:38 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 26 14:24:44 2021
 Response via : Initial Calibration

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

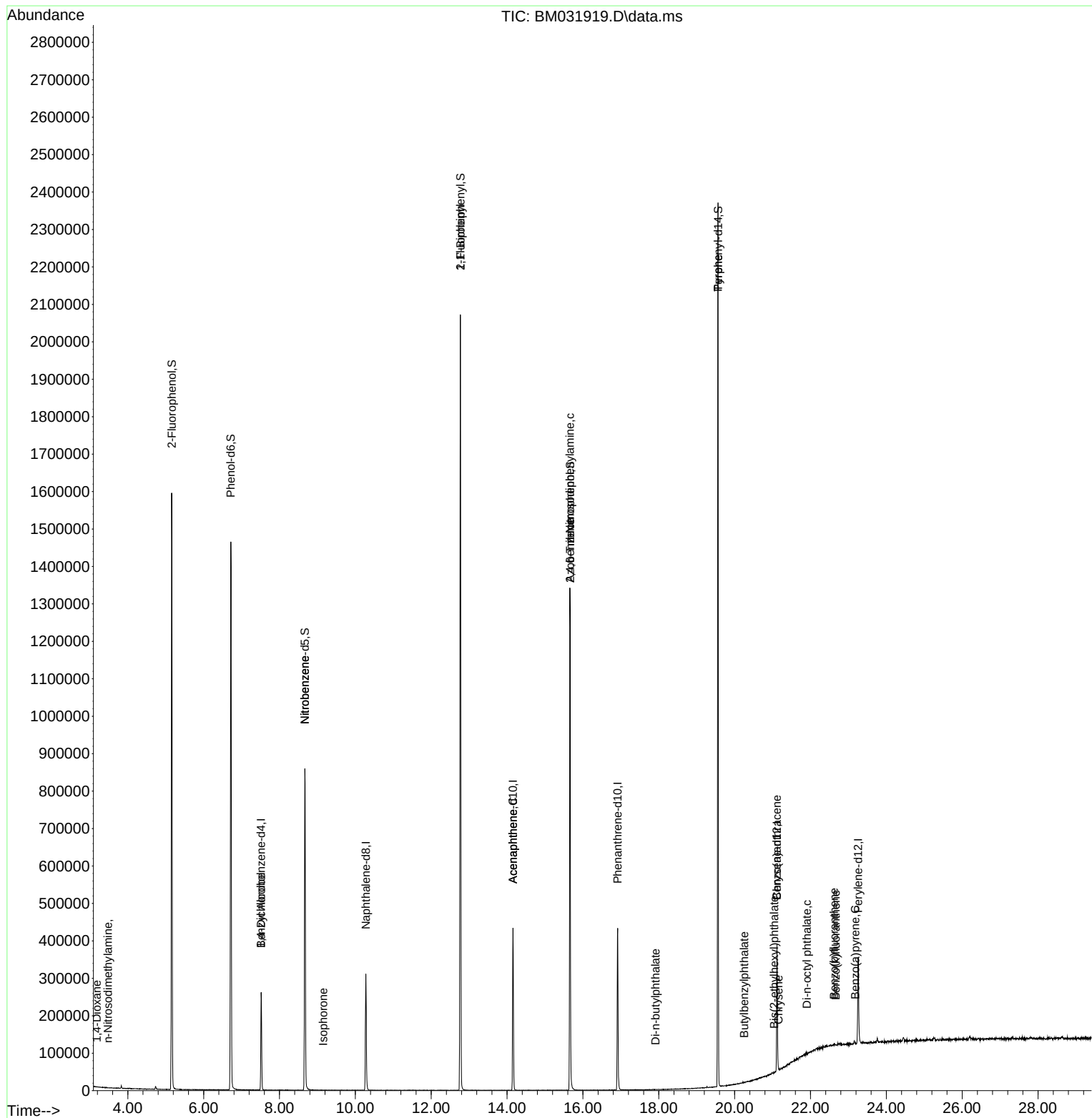
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	62631	20.000	ng	0.00
21) Naphthalene-d8	10.275	136	251027	20.000	ng	0.00
39) Acenaphthene-d10	14.157	164	146346	20.000	ng	0.00
64) Phenanthrene-d10	16.915	188	261833	20.000	ng	0.00
76) Chrysene-d12	21.115	240	156743	20.000	ng	# 0.00
86) Perylene-d12	23.256	264	149686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.157	112	592635	151.134	ng	0.00
7) Phenol-d6	6.716	99	731693	130.134	ng	0.00
23) Nitrobenzene-d5	8.669	82	483754	87.171	ng	0.00
42) 2,4,6-Tribromophenol	15.662	330	186498	118.053	ng	0.00
45) 2-Fluorobiphenyl	12.769	172	960621	88.773	ng	0.00
79) Terphenyl-d14	19.562	244	943038	96.720	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.181	88	120	0.077	ng	# 1
4) n-Nitrosodimethylamine	3.475	42	195	0.089	ng	# 1
9) Benzaldehyde	6.716	77	1579	Below Cal		# 7
15) Benzyl Alcohol	7.516	79	1869	0.441	ng	# 30
24) Nitrobenzene	8.669	77	1881	0.333	ng	# 45
25) Isophorone	9.151	82	65	0.007	ng	# 68
46) 1,1'-Biphenyl	12.769	154	2121	0.185	ng	# 1
52) Acenaphthene	14.157	154	439	0.050	ng	# 4
63) Azobenzene	15.662	77	1987	0.152	ng	# 27
66) n-Nitrosodiphenylamine	15.657	169	8659	0.982	ng	# 51
74) Di-n-butylphthalate	17.915	149	58	0.003	ng	# 77
78) Pyrene	19.556	202	3946	0.317	ng	# 70
80) Butylbenzylphthalate	20.256	149	110	0.021	ng	# 19
81) Benzo(a)anthracene	21.115	228	308	0.028	ng	# 52
83) Chrysene	21.156	228	145	0.013	ng	# 49
84) Bis(2-ethylhexyl)phtha...	21.044	149	914	0.120	ng	# 55
85) Di-n-octyl phthalate	21.903	149	241	0.020	ng	# 1
88) Benzo(b)fluoranthene	22.621	252	256	0.023	ng	# 1
89) Benzo(k)fluoranthene	22.668	252	184	0.017	ng	# 1
90) Benzo(a)pyrene	23.180	252	336	0.035	ng	# 1

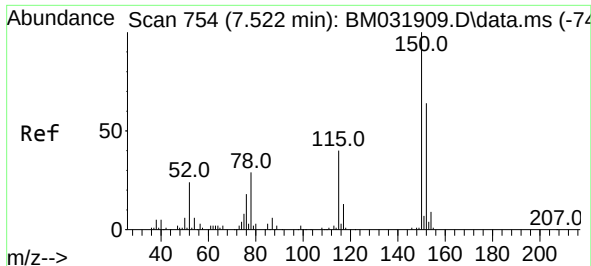
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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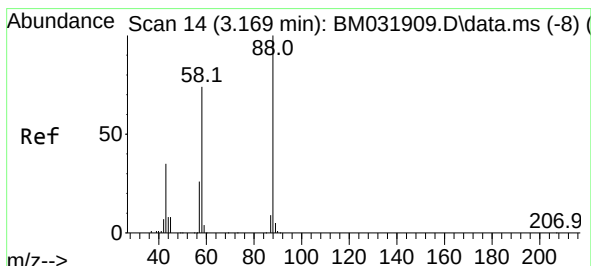
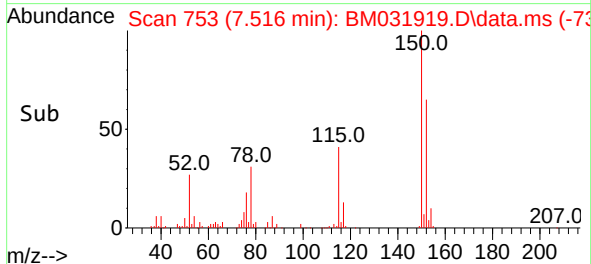
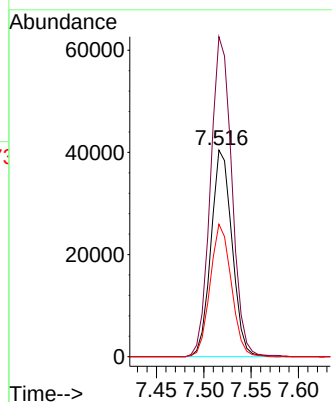
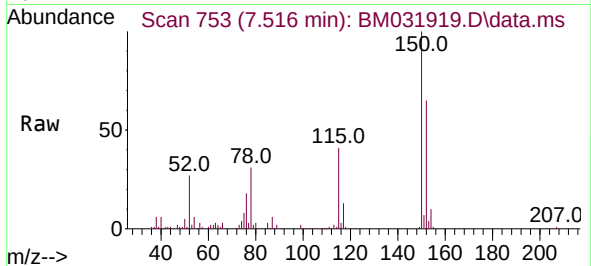




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

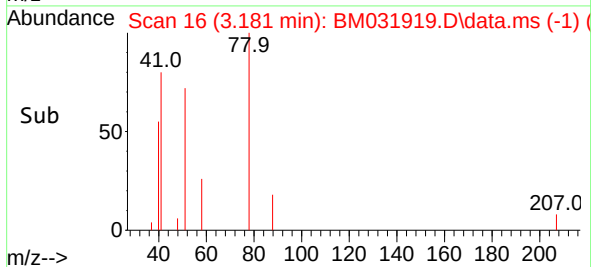
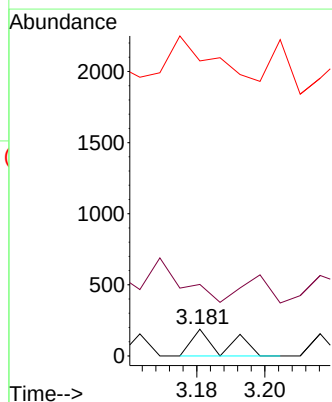
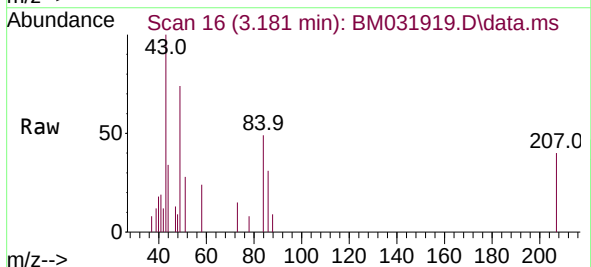
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BNA_M
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PB138117BL

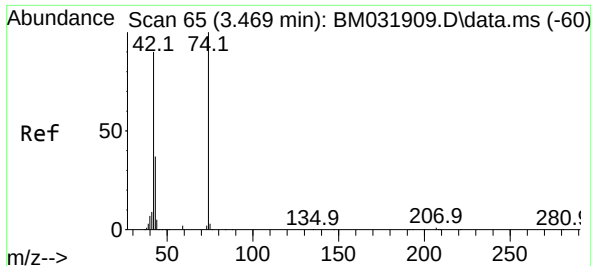
Tgt Ion:152 Resp: 62631
Ion Ratio Lower Upper
152 100
150 155.0 122.4 183.6
115 64.2 53.8 80.8



#2
1,4-Dioxane
Concen: 0.077 ng
RT: 3.181 min Scan# 16
Delta R.T. 0.012 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion: 88 Resp: 120
Ion Ratio Lower Upper
88 100
58 242.5 50.4 75.6#
43 300.8 22.2 33.2#

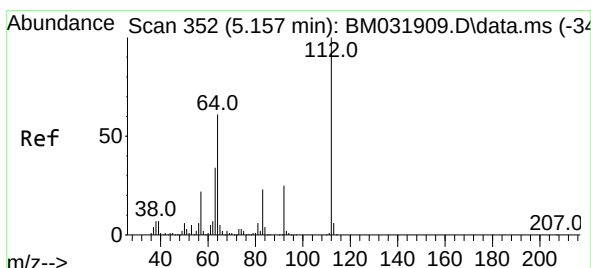
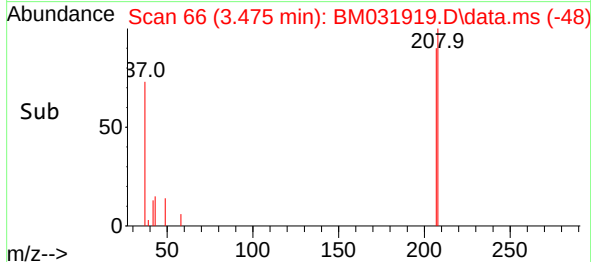
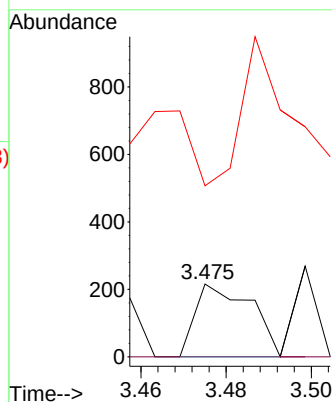
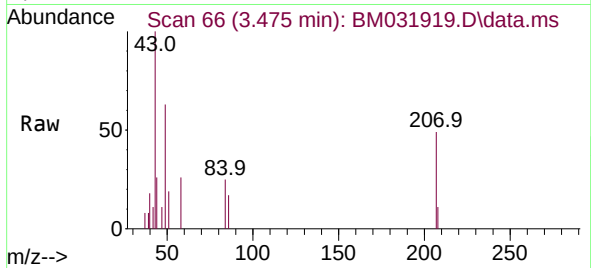




#4
n-Nitrosodimethylamine
Concen: 0.089 ng
RT: 3.475 min Scan# 66
Delta R.T. 0.006 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

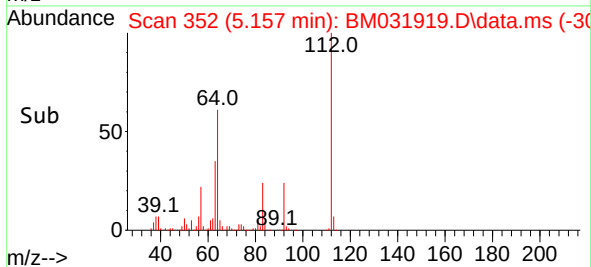
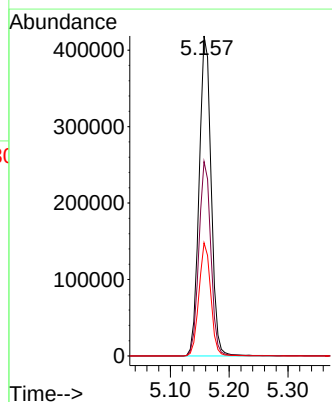
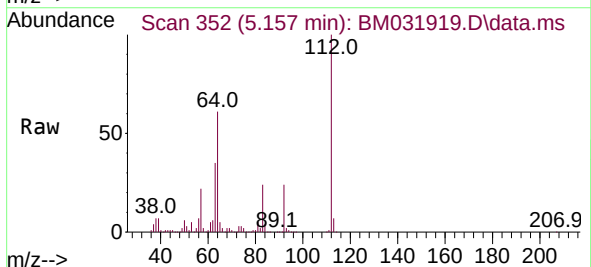
Instrument :
BNA_M
ClientSampleId :
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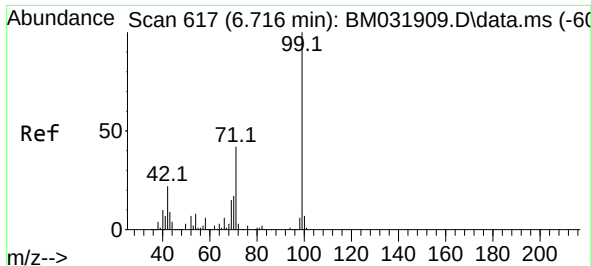
Tgt Ion: 42 Resp: 195
Ion Ratio Lower Upper
42 100
74 0.0 99.5 149.3#
44 234.7 57.3 85.9#



#5
2-Fluorophenol
Concen: 151.134 ng
RT: 5.157 min Scan# 352
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion: 112 Resp: 592635
Ion Ratio Lower Upper
112 100
64 60.8 53.7 80.5
63 35.4 33.9 50.9

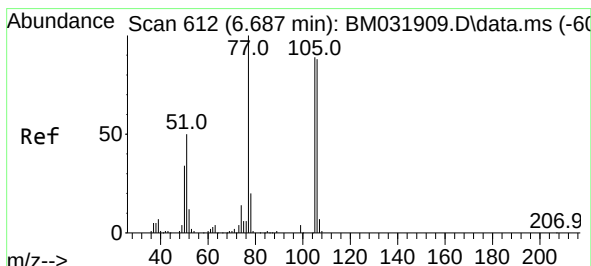
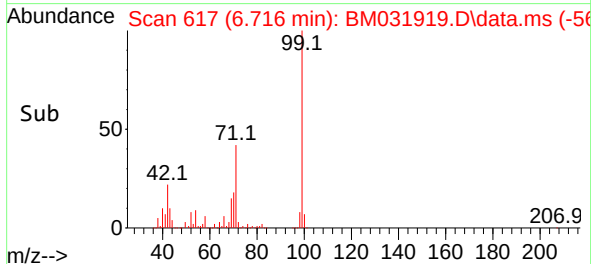
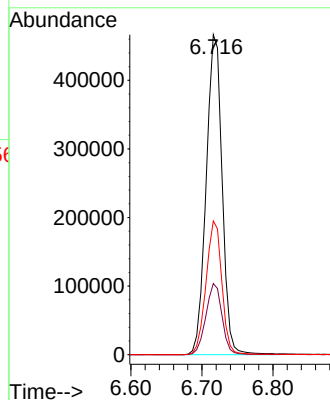
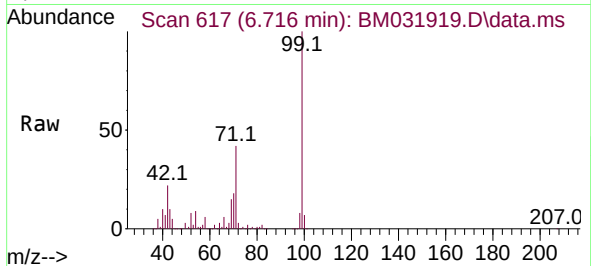




#7
Phenol-d6
Concen: 130.134 ng
RT: 6.716 min Scan# 617
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

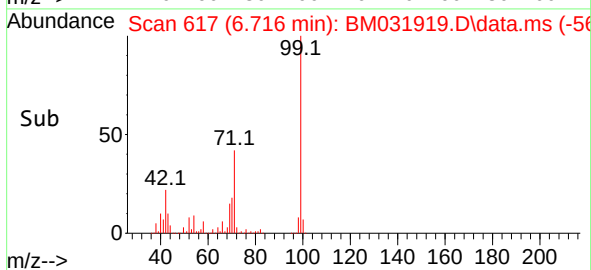
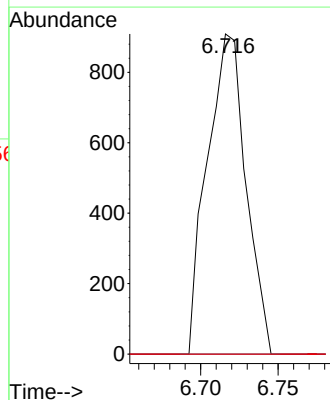
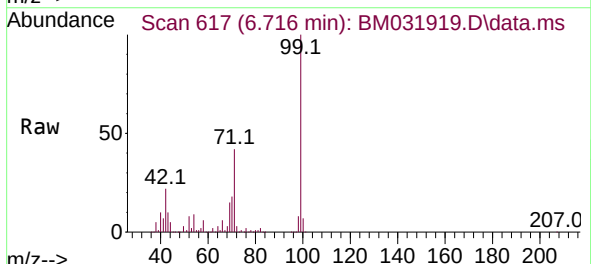
Instrument :
BNA_M
ClientSampleId :
PB138117BL

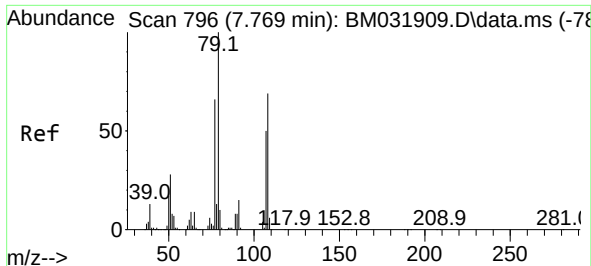
Tgt Ion: 99 Resp: 731693
Ion Ratio Lower Upper
99 100
42 22.3 23.0 34.6#
71 41.8 37.8 56.8



#9
Benzaldehyde
Concen: Below Cal
RT: 6.716 min Scan# 617
Delta R.T. 0.029 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion: 77 Resp: 1579
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

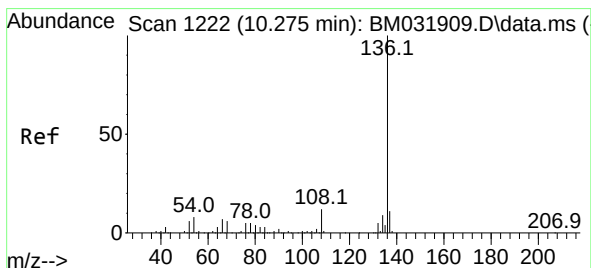
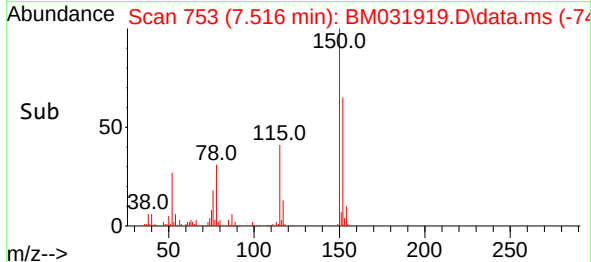
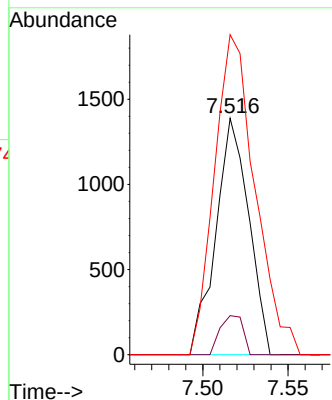
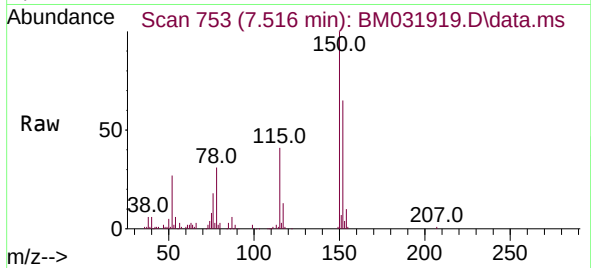




#15
Benzyl Alcohol
Concen: 0.441 ng
RT: 7.516 min Scan# 753
Delta R.T. -0.253 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

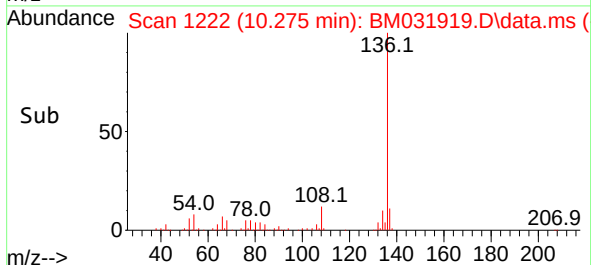
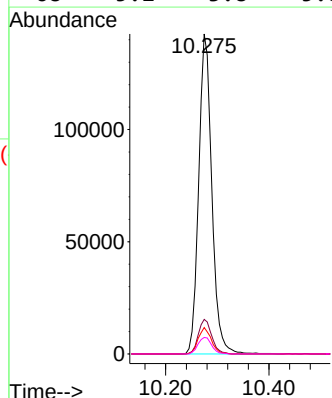
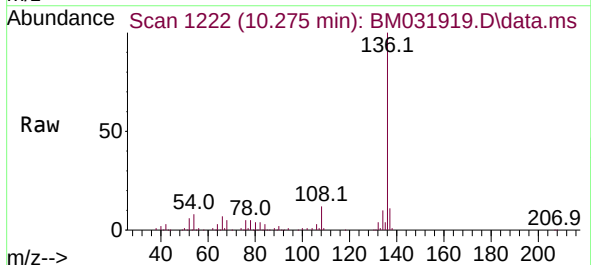
Instrument :
BNA_M
ClientSampleId :
PB138117BL

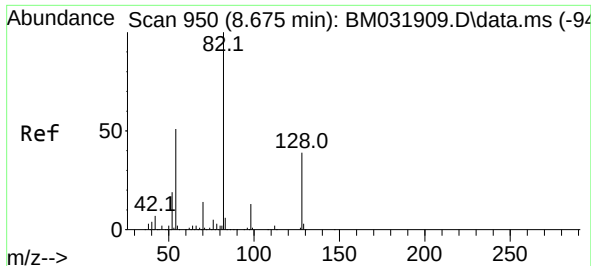
Tgt Ion: 79 Resp: 1869
Ion Ratio Lower Upper
79 100
108 16.6 53.6 80.4#
77 135.4 57.7 86.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.275 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion: 136 Resp: 251027
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.3 7.4 11.0
68 5.2 3.8 5.8





#23

Nitrobenzene-d5

Concen: 87.171 ng

RT: 8.669 min Scan# 949

Delta R.T. -0.006 min

Lab File: BM031919.D

Acq: 26 Aug 2021 18:21

Tgt Ion: 82 Resp: 483754

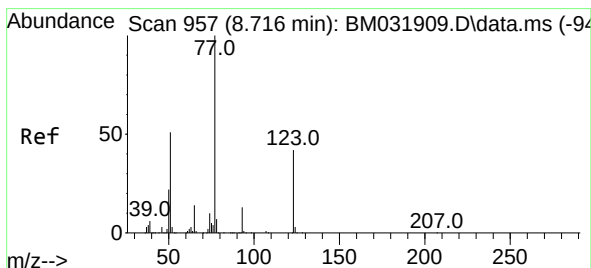
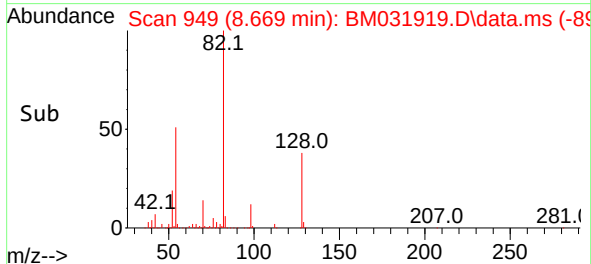
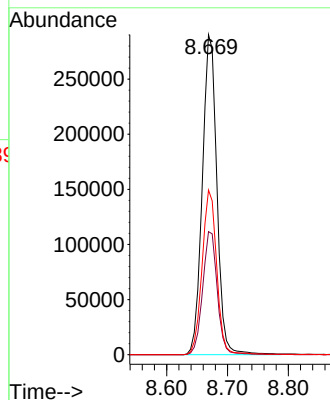
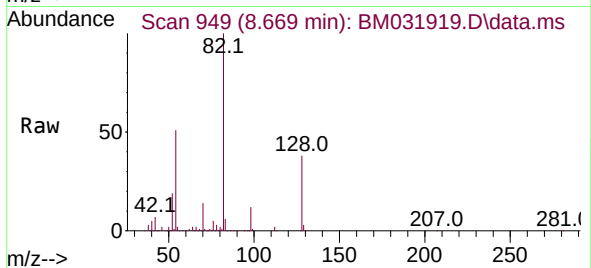
Ion	Ratio	Lower	Upper
82	100		
128	38.5	29.0	43.6
54	51.4	45.8	68.8

Instrument :

BNA_M

ClientSampleId :

PB138117BL



#24

Nitrobenzene

Concen: 0.333 ng

RT: 8.669 min Scan# 949

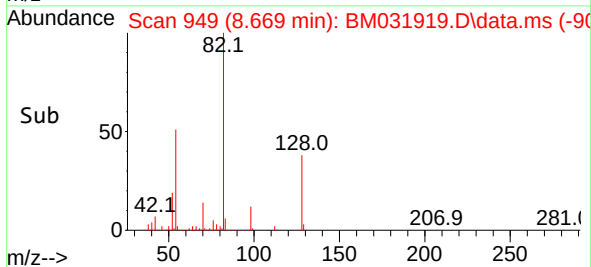
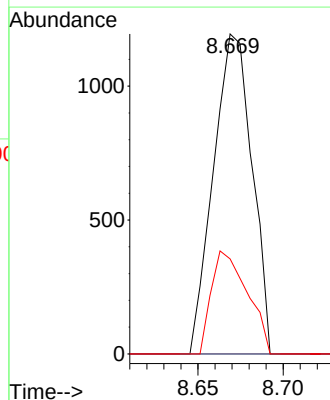
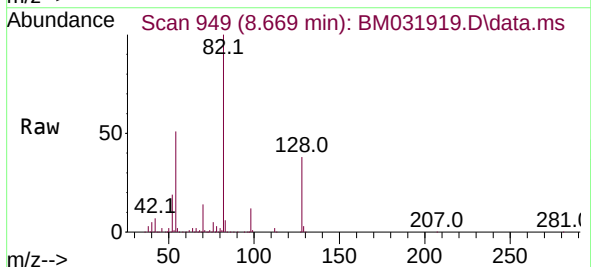
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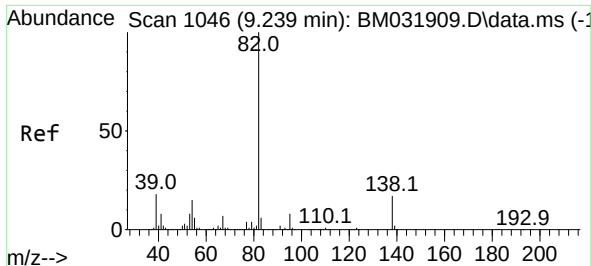
Lab File: BM031919.D

Acq: 26 Aug 2021 18:21

Tgt Ion: 77 Resp: 1881

Ion	Ratio	Lower	Upper
77	100		
123	0.0	30.1	45.1#
65	29.7	11.7	17.5#

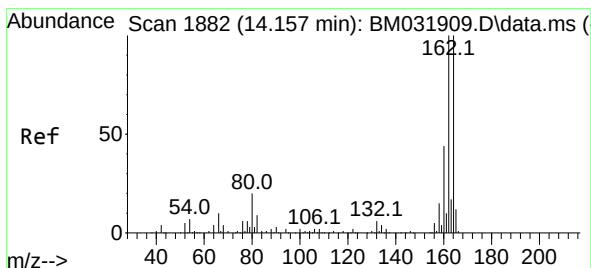
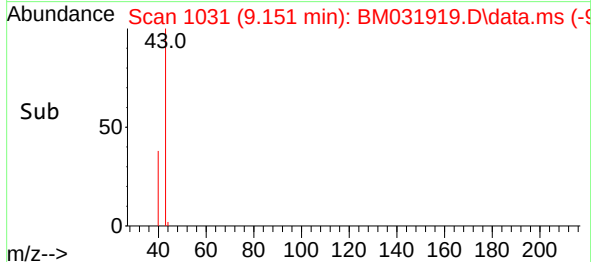
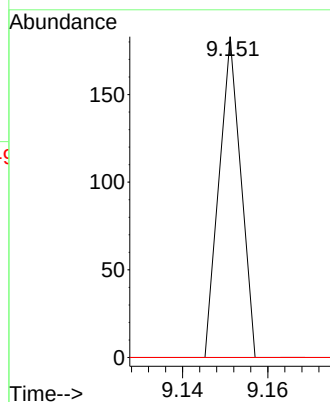
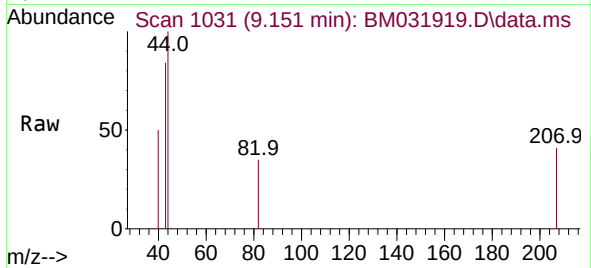




#25
Isophorone
Concen: 0.007 ng
RT: 9.151 min Scan# 1031
Delta R.T. -0.088 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

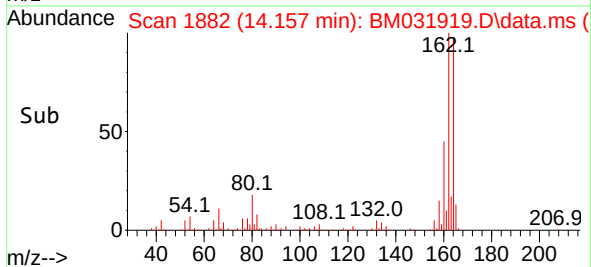
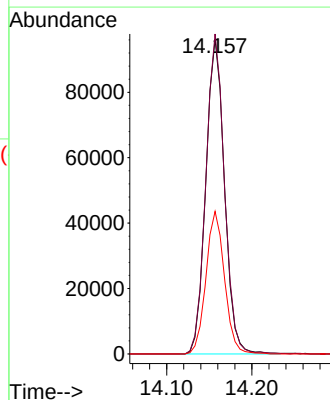
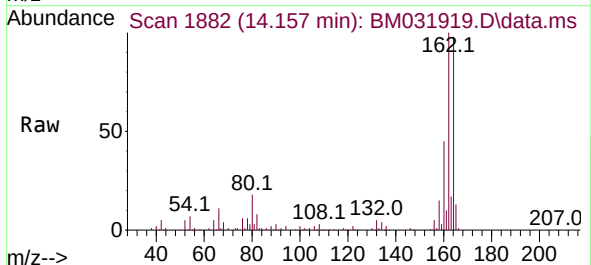
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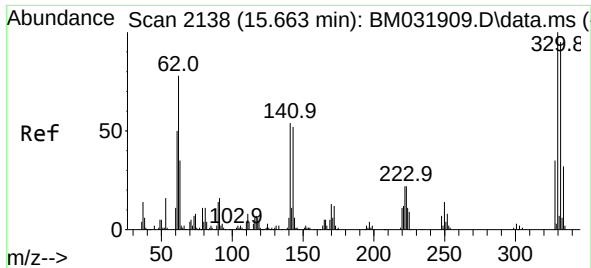
Tgt Ion: 82	Resp: 65
Ion Ratio	Lower Upper
82	100
95	0.0 6.4 9.6#
138	0.0 12.4 18.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion: 164	Resp: 146346
Ion Ratio	Lower Upper
164	100
162	101.8 80.6 121.0
160	45.4 35.1 52.7

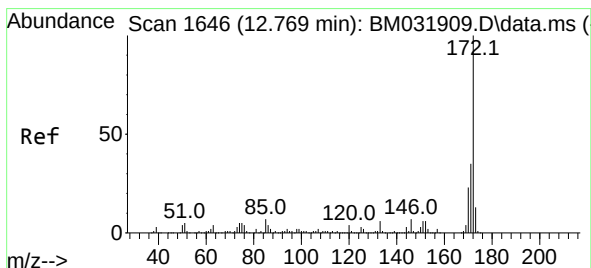
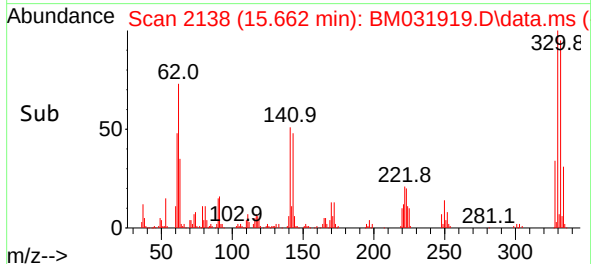
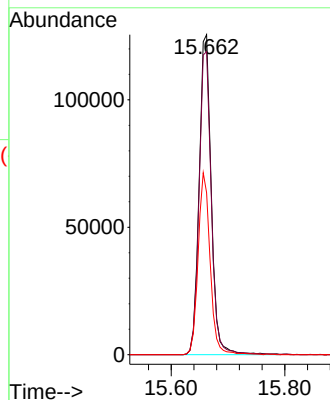
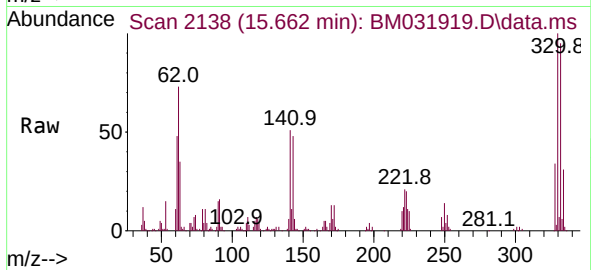




#42
2,4,6-Tribromophenol
Concen: 118.053 ng
RT: 15.662 min Scan# 2138
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

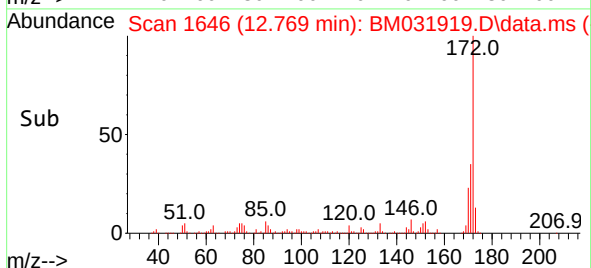
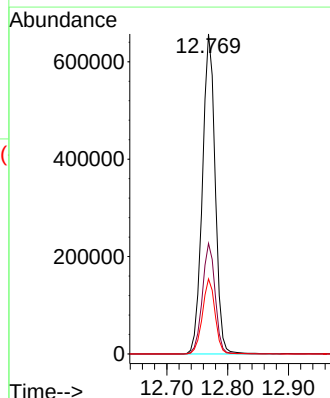
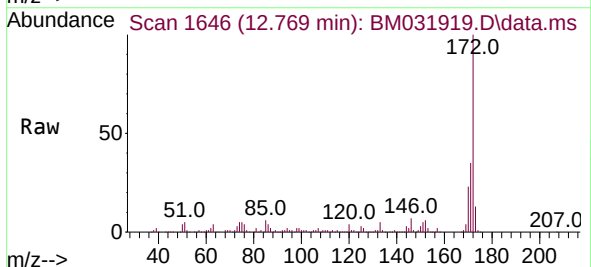
Instrument :
BNA_M
ClientSampleId :
PB138117BL

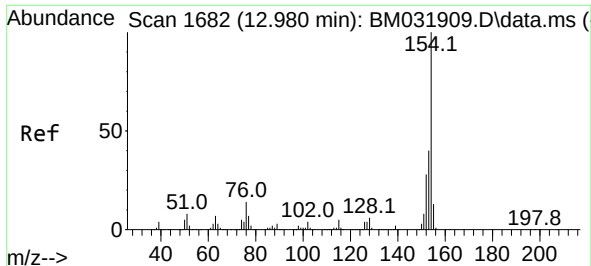
Tgt Ion:330 Resp: 186498
Ion Ratio Lower Upper
330 100
332 95.9 75.7 113.5
141 56.4 50.7 76.1



#45
2-Fluorobiphenyl
Concen: 88.773 ng
RT: 12.769 min Scan# 1646
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion:172 Resp: 960621
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 23.5 18.6 27.8

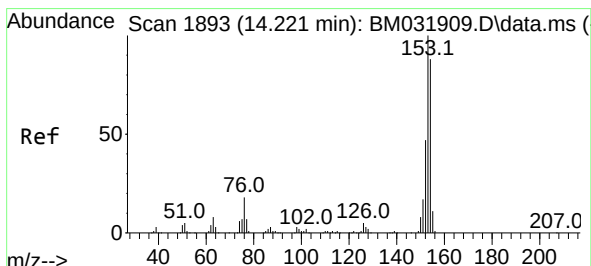
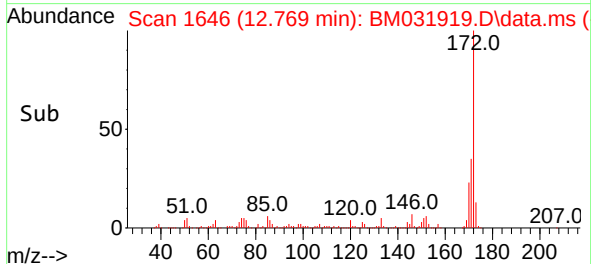
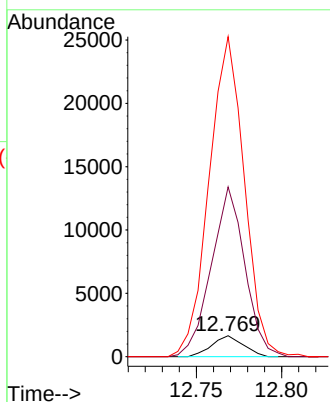
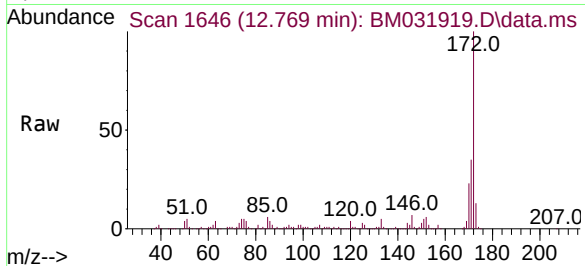




#46
1,1'-Biphenyl
Concen: 0.185 ng
RT: 12.769 min Scan# 1646
Delta R.T. -0.212 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

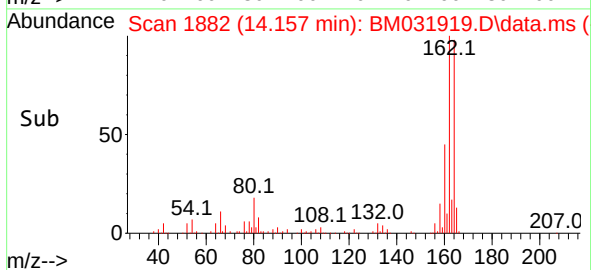
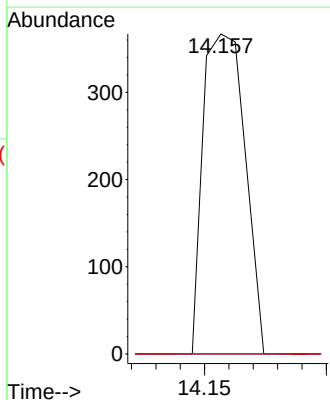
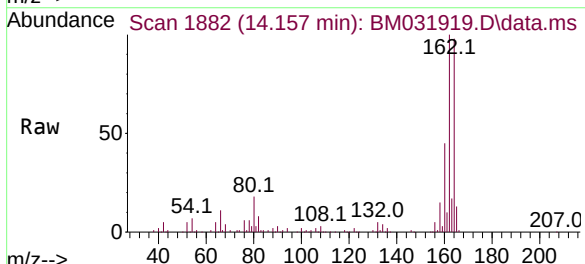
Instrument :
BNA_M
ClientSampleId :
PB138117BL

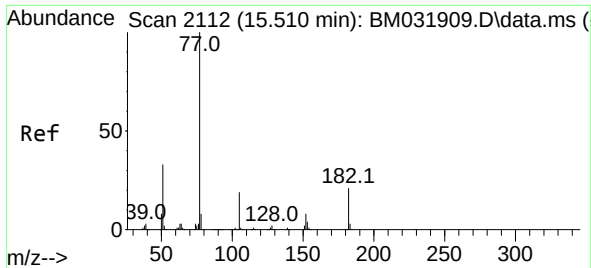
Tgt Ion:154 Resp: 2121
Ion Ratio Lower Upper
154 100
153 811.2 20.3 60.3#
76 1529.3 0.0 33.5#



#52
Acenaphthene
Concen: 0.050 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.065 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion:154 Resp: 439
Ion Ratio Lower Upper
154 100
153 0.0 92.4 138.6#
152 0.0 43.7 65.5#

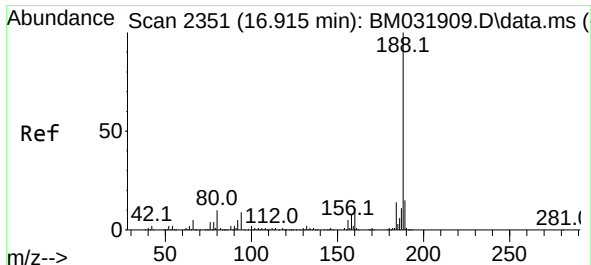
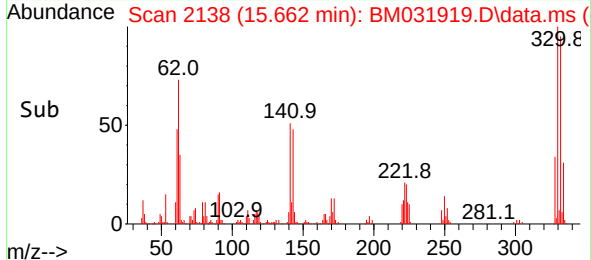
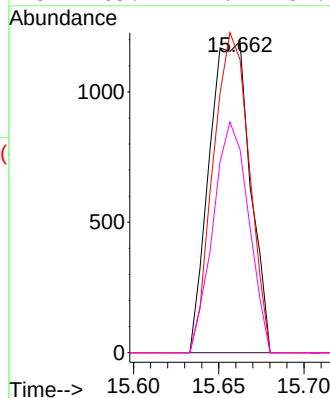
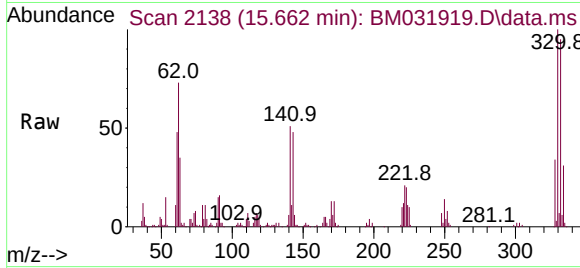




#63
Azobenzene
Concen: 0.152 ng
RT: 15.662 min Scan# 2138
Delta R.T. 0.153 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

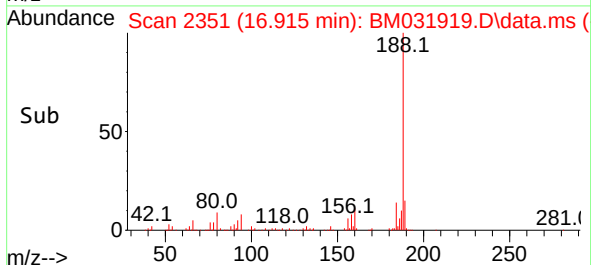
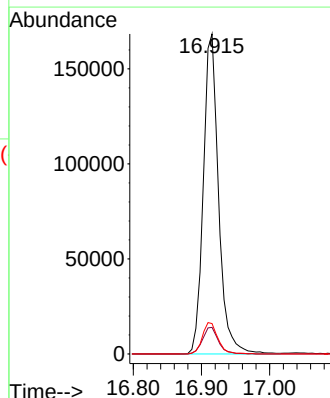
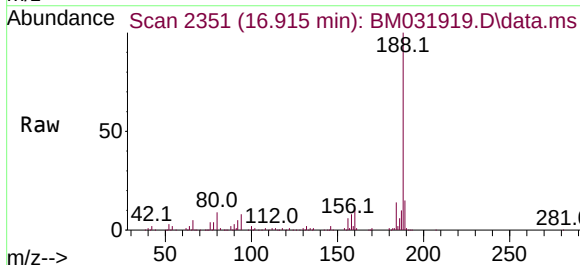
Instrument :
BNA_M
ClientSampleId :
PB138117BL

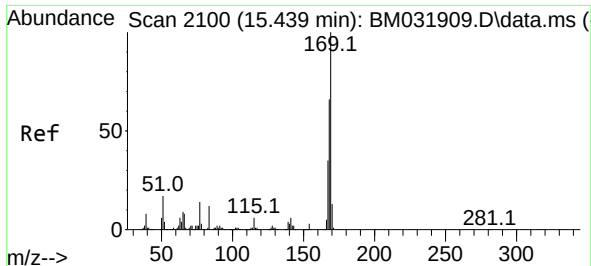
Tgt Ion: 77	Resp: 1987
Ion Ratio	Lower Upper
77 100	
182 0.0	0.0 39.3
105 94.1	0.0 36.1#
51 65.2	19.1 59.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.915 min Scan# 2351
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion: 188	Resp: 261833
Ion Ratio	Lower Upper
188 100	
94 8.3	6.3 9.5
80 9.5	7.3 10.9

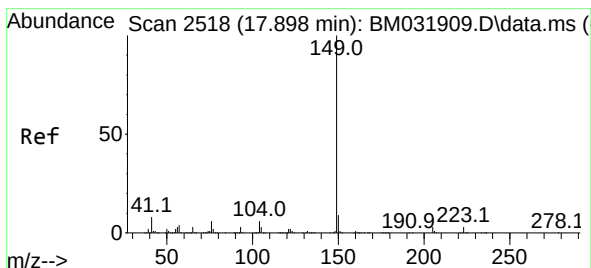
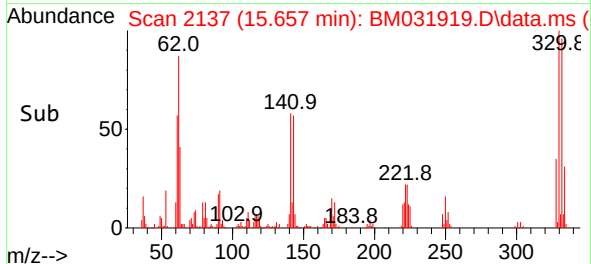
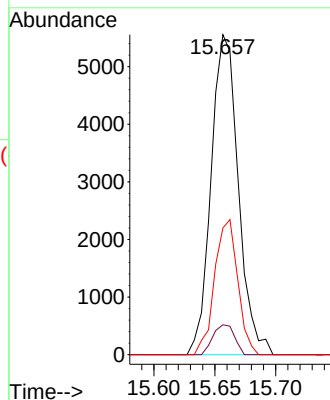
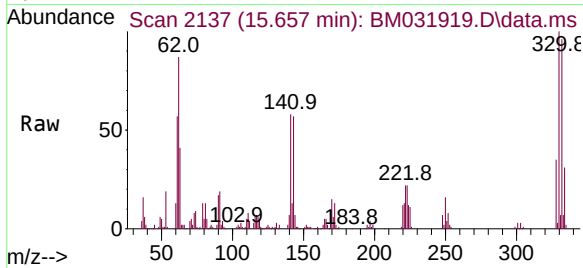




#66
n-Nitrosodiphenylamine
Concen: 0.982 ng
RT: 15.657 min Scan# 2137
Delta R.T. 0.218 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

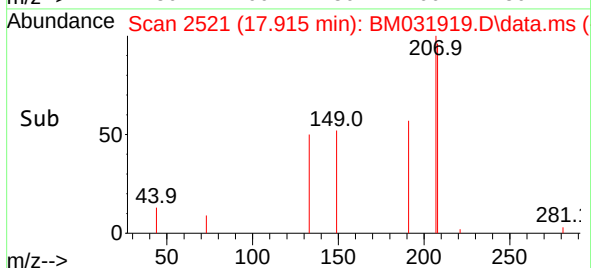
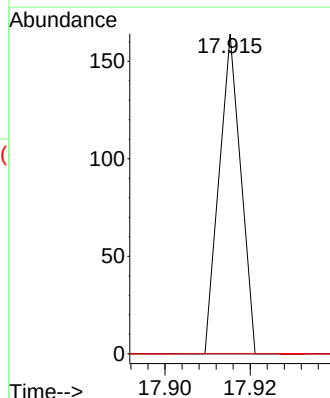
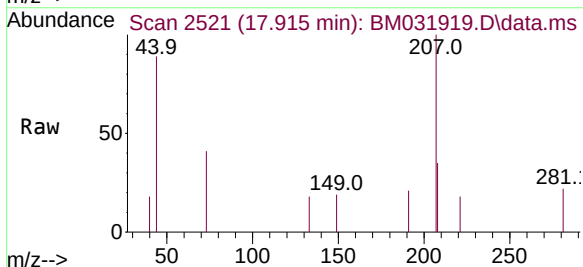
Instrument :
BNA_M
ClientSampleId :
PB138117BL

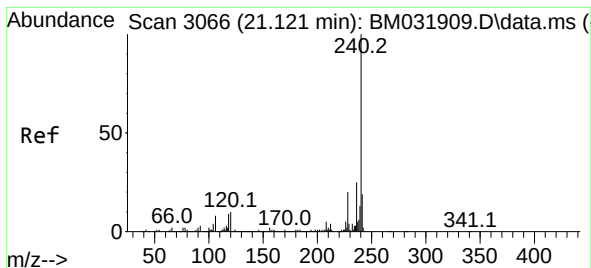
Tgt Ion	Ratio	Lower	Upper
169	100		
168	9.3	55.0	82.4#
167	39.6	29.8	44.8



#74
Di-n-butylphthalate
Concen: 0.003 ng
RT: 17.915 min Scan# 2521
Delta R.T. 0.018 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion	Ratio	Lower	Upper
149	100		
150	0.0	7.3	10.9#
104	0.0	5.6	8.4#

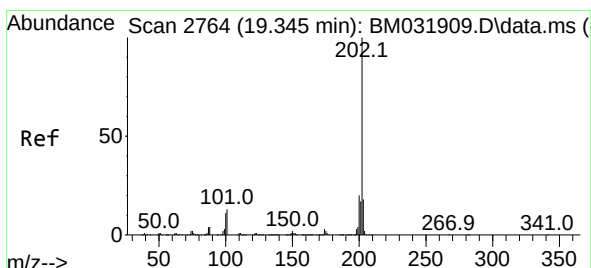
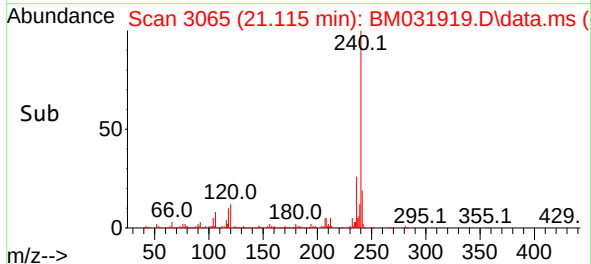
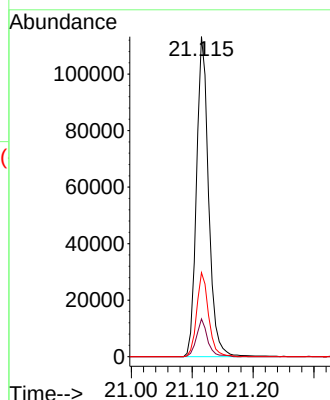
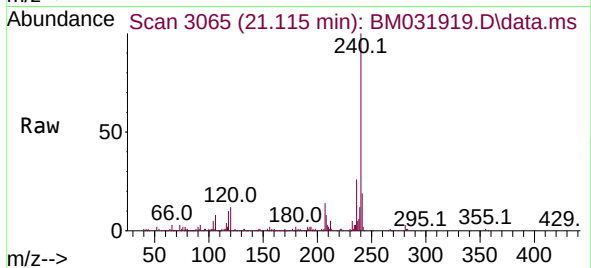




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.115 min Scan# 3065
Delta R.T. -0.006 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

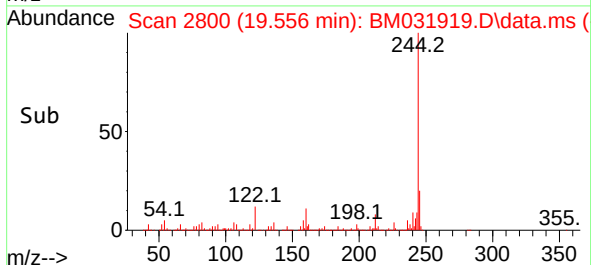
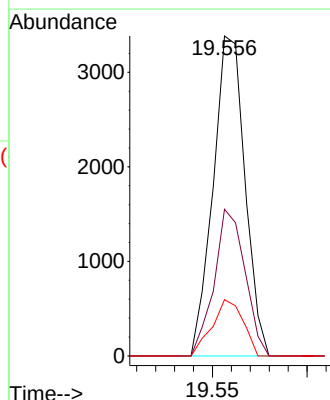
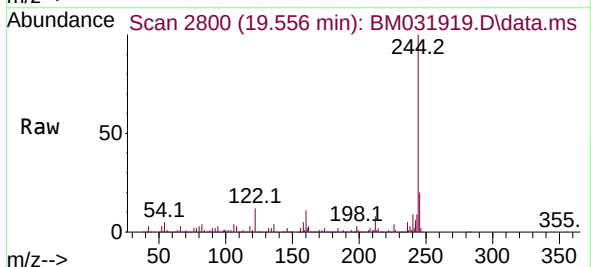
Instrument :
BNA_M
ClientSampleId :
PB138117BL

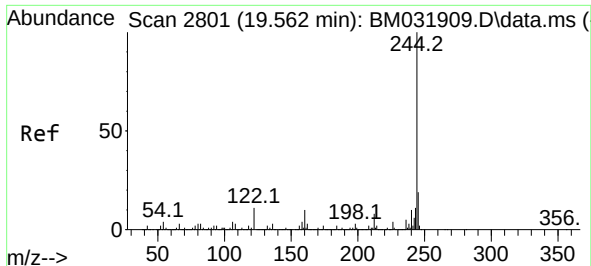
Tgt Ion:240 Resp: 156743
Ion Ratio Lower Upper
240 100
120 11.8 7.8 11.6#
236 26.2 20.9 31.3



#78
Pyrene
Concen: 0.317 ng
RT: 19.556 min Scan# 2800
Delta R.T. 0.212 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion:202 Resp: 3946
Ion Ratio Lower Upper
202 100
200 45.8 16.6 25.0#
203 17.6 13.7 20.5

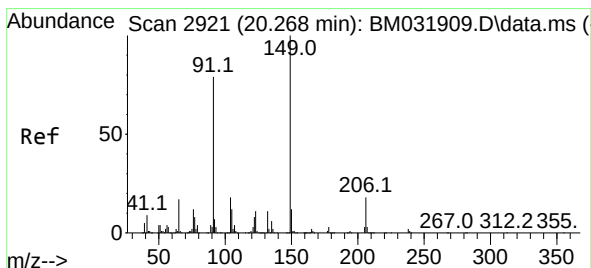
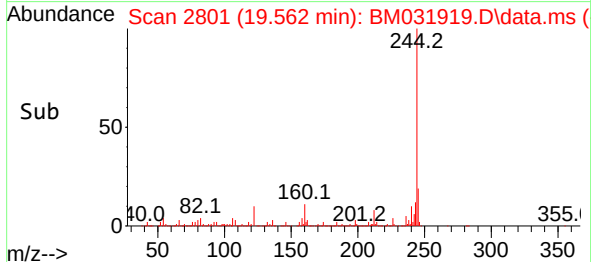
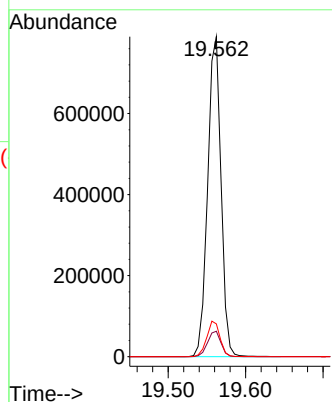
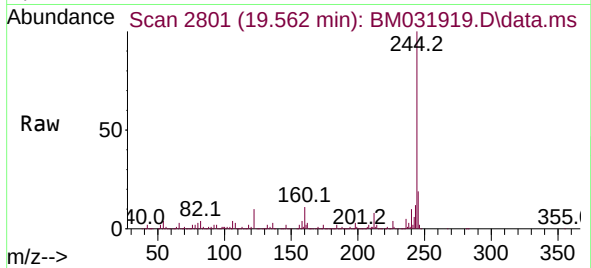




#79
 Terphenyl-d14
 Concen: 96.720 ng
 RT: 19.562 min Scan# 2801
 Delta R.T. -0.000 min
 Lab File: BM031919.D
 Acq: 26 Aug 2021 18:21

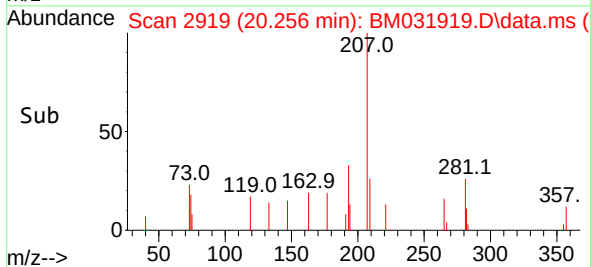
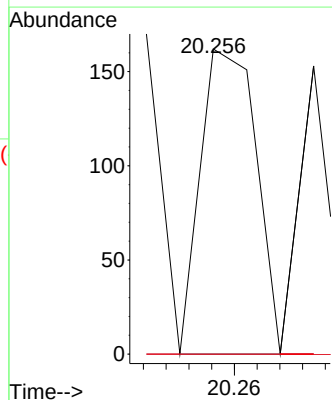
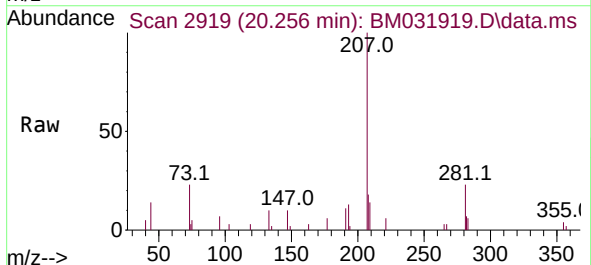
Instrument :
 BNA_M
 ClientSampleId :
 PB138117BL

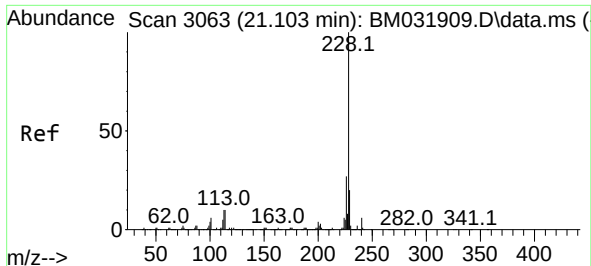
Tgt Ion:244 Resp: 943038
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 10.3 8.7 13.1



#80
 Butylbenzylphthalate
 Concen: 0.021 ng
 RT: 20.256 min Scan# 2919
 Delta R.T. -0.012 min
 Lab File: BM031919.D
 Acq: 26 Aug 2021 18:21

Tgt Ion:149 Resp: 110
 Ion Ratio Lower Upper
 149 100
 91 0.0 64.0 96.0#
 206 0.0 14.4 21.6#

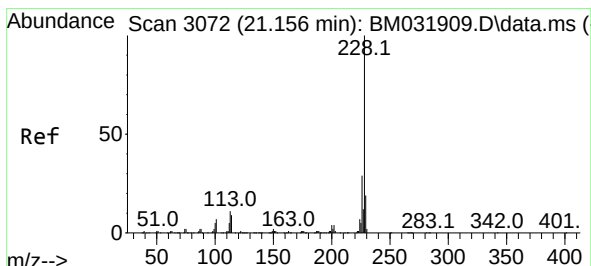
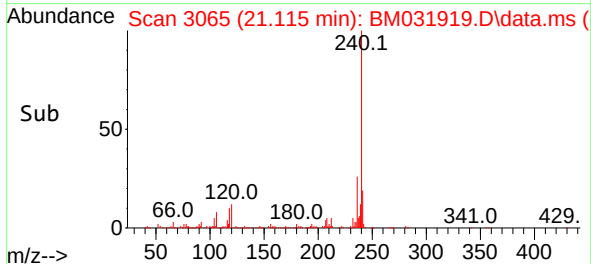
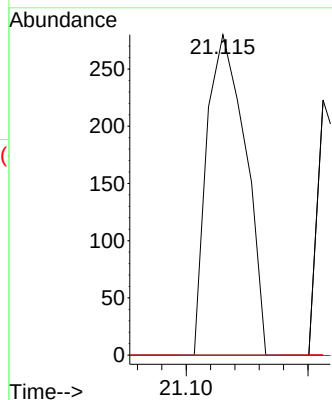
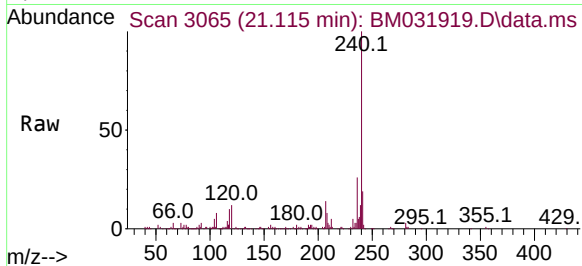




#81
Benzo(a)anthracene
Concen: 0.028 ng
RT: 21.115 min Scan# 3065
Delta R.T. 0.012 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

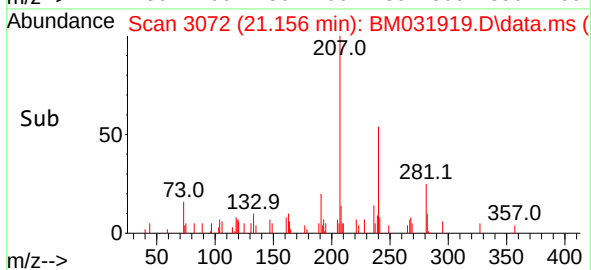
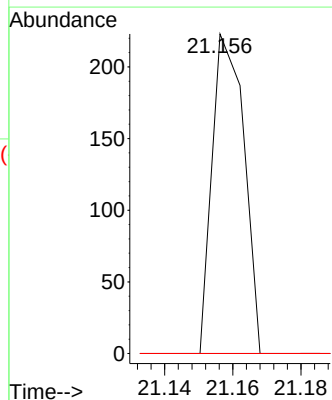
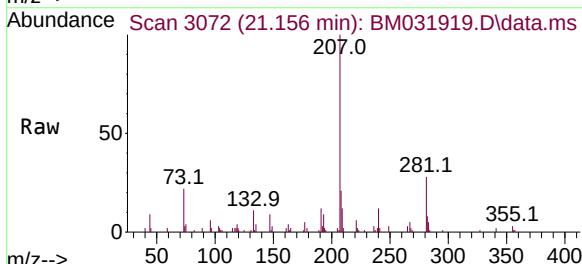
Instrument :
BNA_M
ClientSampleId :
PB138117BL

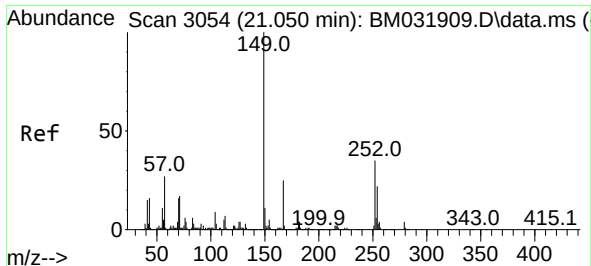
Tgt Ion:228 Resp: 308
Ion Ratio Lower Upper
228 100
226 0.0 21.4 32.2#
229 0.0 15.3 22.9#



#83
Chrysene
Concen: 0.013 ng
RT: 21.156 min Scan# 3072
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion:228 Resp: 145
Ion Ratio Lower Upper
228 100
226 0.0 24.0 36.0#
229 0.0 16.0 24.0#

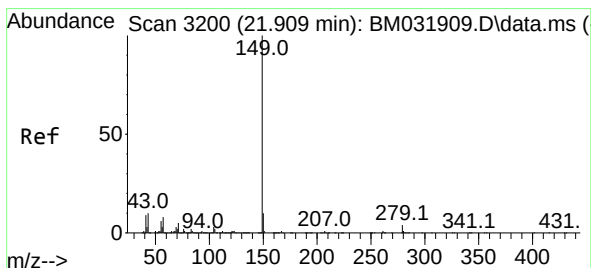
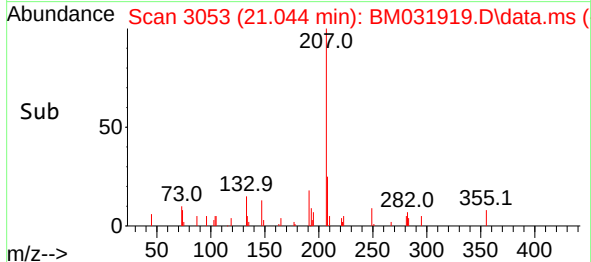
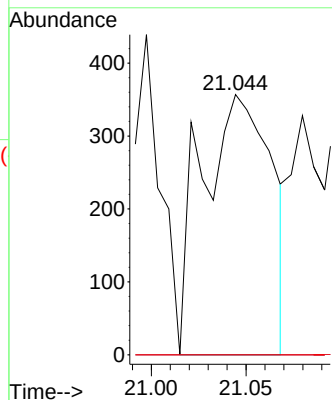
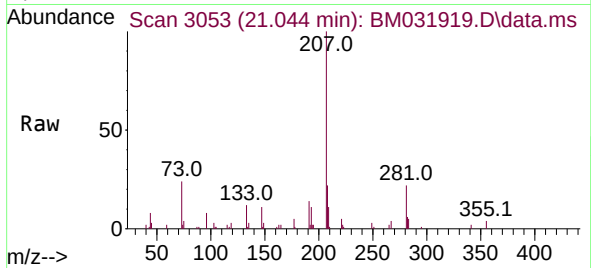




#84
Bis(2-ethylhexyl)phthalate
Concen: 0.120 ng
RT: 21.044 min Scan# 3053
Delta R.T. -0.006 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

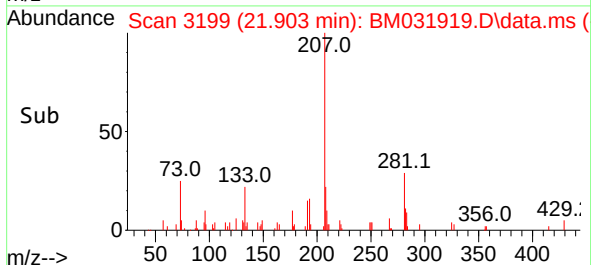
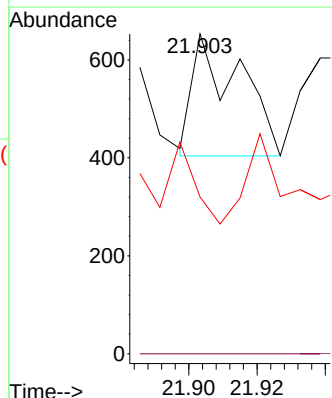
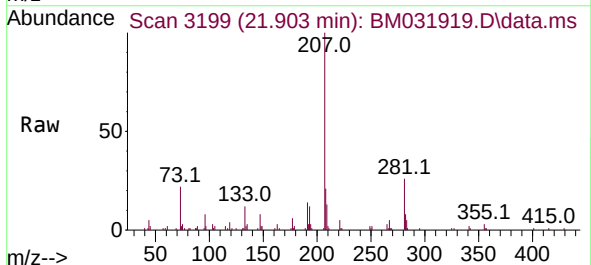
Instrument :
BNA_M
ClientSampleId :
PB138117BL

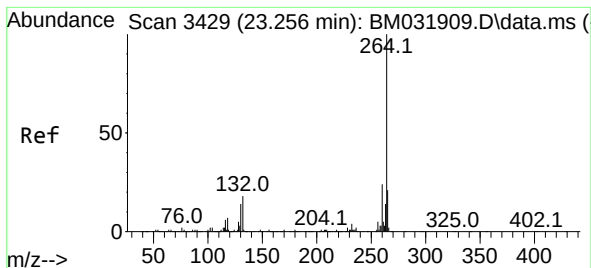
Tgt Ion:149 Resp: 914
Ion Ratio Lower Upper
149 100
167 0.0 19.7 29.5#
279 0.0 2.6 4.0#



#85
Di-n-octyl phthalate
Concen: 0.020 ng
RT: 21.903 min Scan# 3199
Delta R.T. -0.006 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion:149 Resp: 241
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 61.0 10.4 15.6#

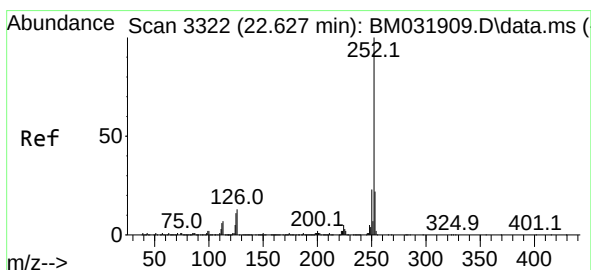
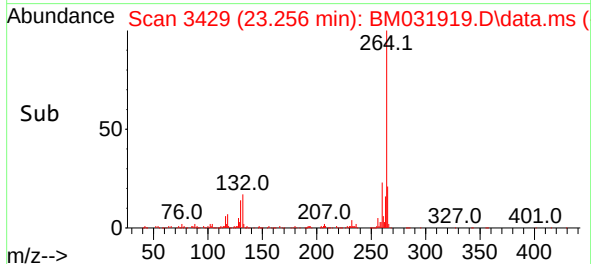
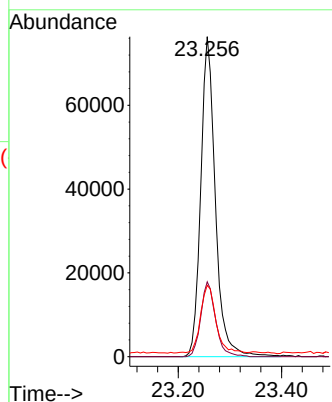
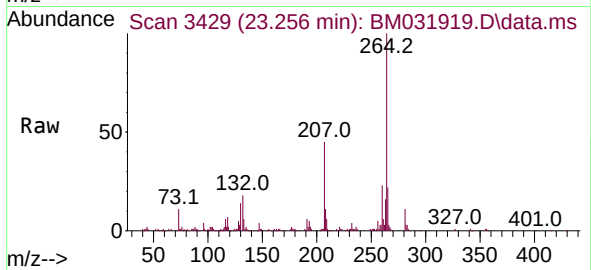




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.256 min Scan# 3429
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

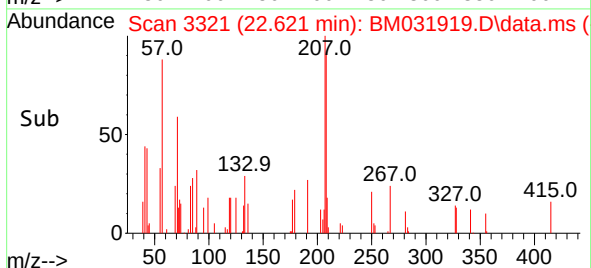
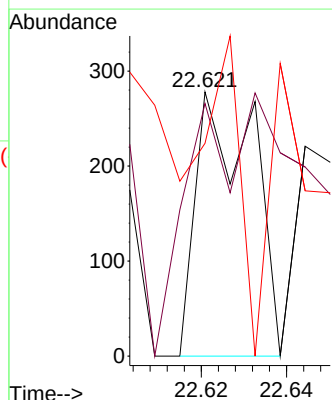
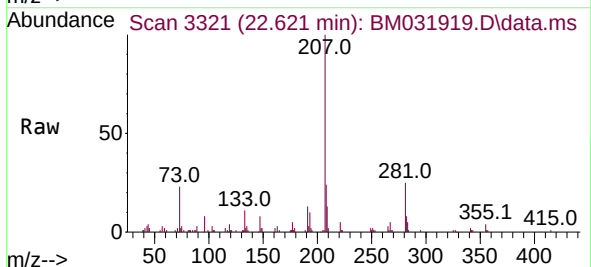
Instrument :
BNA_M
ClientSampleId :
PB138117BL

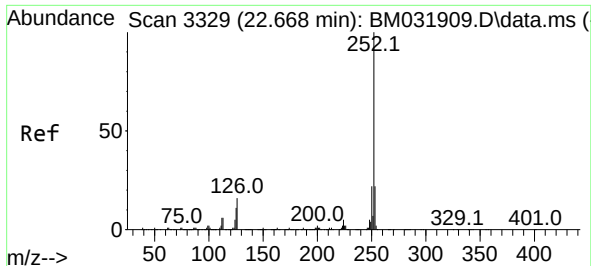
Tgt Ion:	264	Resp:	149686
Ion Ratio	Lower	Upper	
264	100		
260	23.4	19.3	28.9
265	22.3	18.3	27.5



#88
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 22.621 min Scan# 3321
Delta R.T. -0.006 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion:	252	Resp:	256
Ion Ratio	Lower	Upper	
252	100		
253	95.7	18.0	27.0#
125	80.6	7.5	11.3#

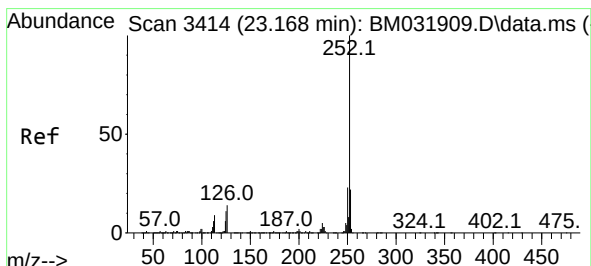
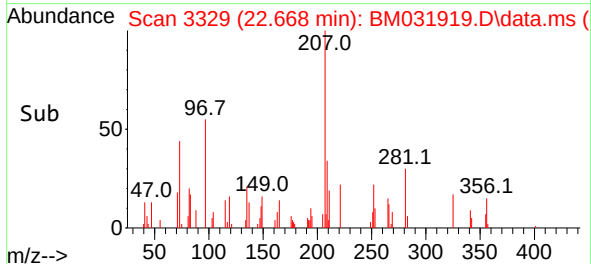
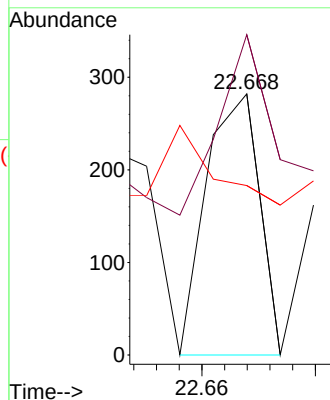
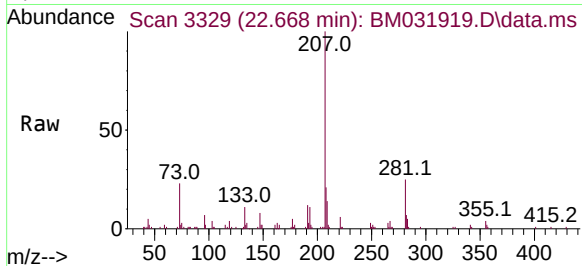




#89
Benzo(k)fluoranthene
Concen: 0.017 ng
RT: 22.668 min Scan# 3329
Delta R.T. -0.000 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Instrument :
BNA_M
ClientSampleId :
PB138117BL

Tgt Ion:252 Resp: 184
Ion Ratio Lower Upper
252 100
253 122.7 17.3 25.9#
125 64.9 7.5 11.3#



#90
Benzo(a)pyrene
Concen: 0.035 ng
RT: 23.180 min Scan# 3416
Delta R.T. 0.012 min
Lab File: BM031919.D
Acq: 26 Aug 2021 18:21

Tgt Ion:252 Resp: 336
Ion Ratio Lower Upper
252 100
253 118.2 17.4 26.2#
125 93.6 8.1 12.1#

