

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120321\
 Data File : BM033298.D
 Acq On : 03 Dec 2021 22:13
 Operator : CG/JU
 Sample : M4917-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MW-24

Quant Time: Dec 06 00:51:28 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM112421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 24 15:16:33 2021
 Response via : Initial Calibration

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

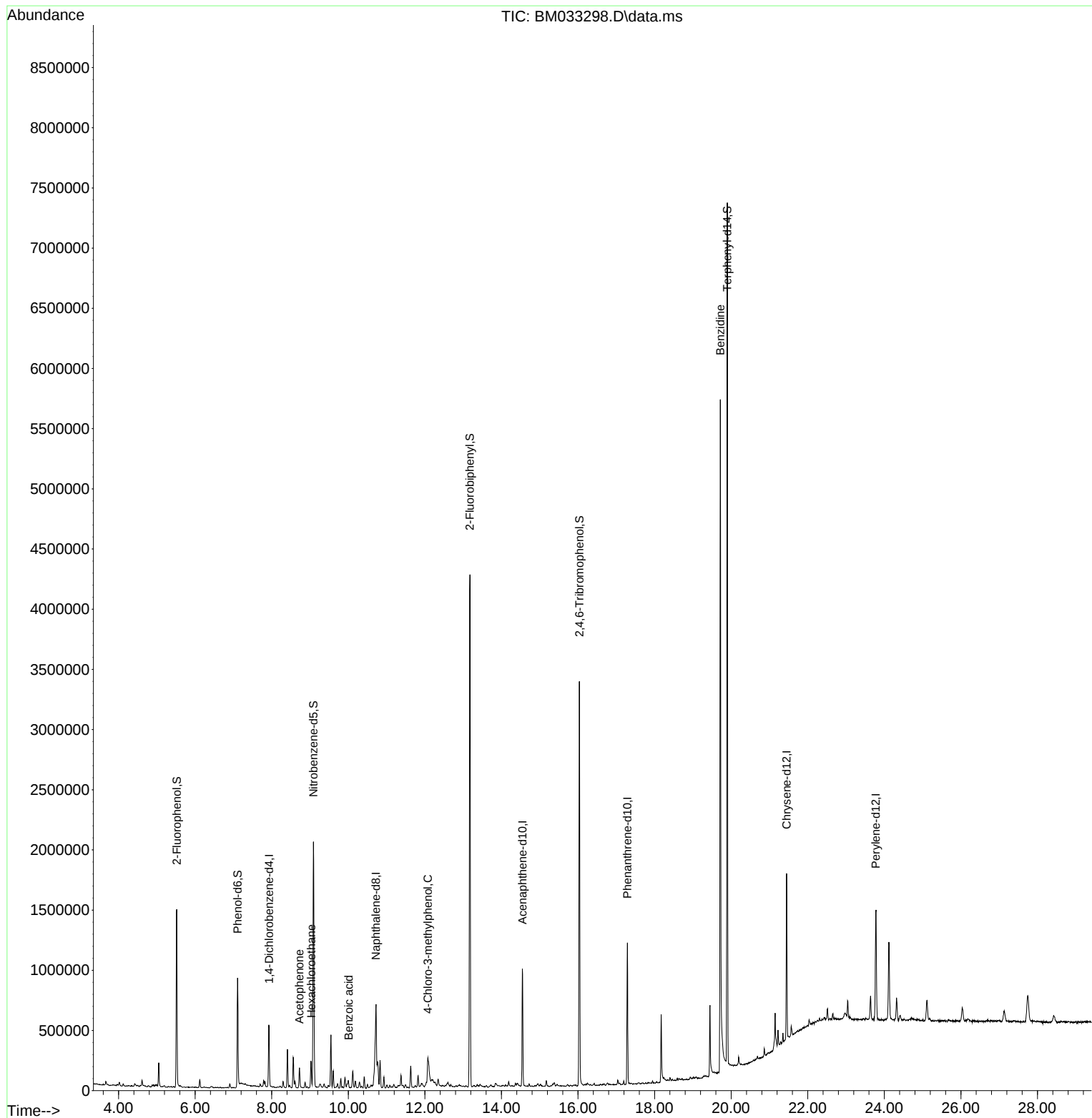
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	132657	20.000	ng	0.00
21) Naphthalene-d8	10.724	136	524235	20.000	ng	#-0.01
39) Acenaphthene-d10	14.548	164	322075	20.000	ng	-0.01
64) Phenanthrene-d10	17.289	188	669667	20.000	ng	# 0.00
76) Chrysene-d12	21.447	240	647582	20.000	ng	# 0.00
86) Perylene-d12	23.776	264	645244	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.519	112	593766	73.915	ng	0.01
7) Phenol-d6	7.107	99	486565	45.226	ng	0.01
23) Nitrobenzene-d5	9.089	82	1157504	102.502	ng	-0.01
42) 2,4,6-Tribromophenol	16.036	330	497684	141.753	ng	0.00
45) 2-Fluorobiphenyl	13.177	172	2157558	94.475	ng	0.00
79) Terphenyl-d14	19.900	244	3100206	94.665	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.107	77	2321	Below Cal	#	7
18) Hexachloroethane	9.030	117	43745	11.984	ng	# 16
22) Acetophenone	8.724	105	81866	6.068	ng	# 53
32) Benzoic acid	10.013	122	58	5.229	ng	# 1
36) 4-Chloro-3-methylphenol	12.077	107	136725	15.321	ng	# 21
77) Benzidine	19.718	184	23545	3.234	ng	# 1

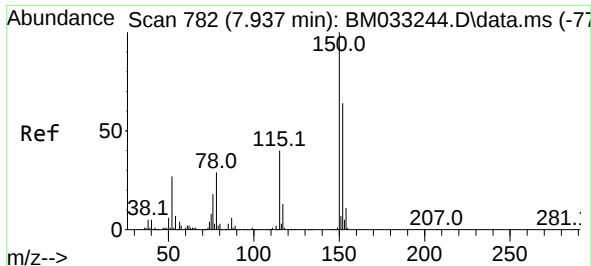
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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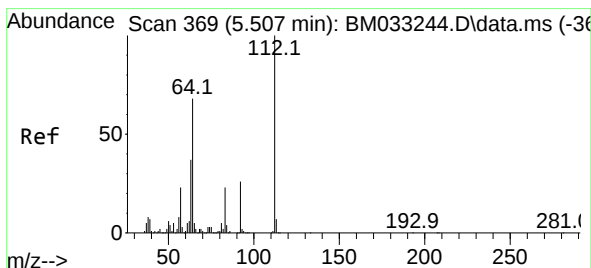
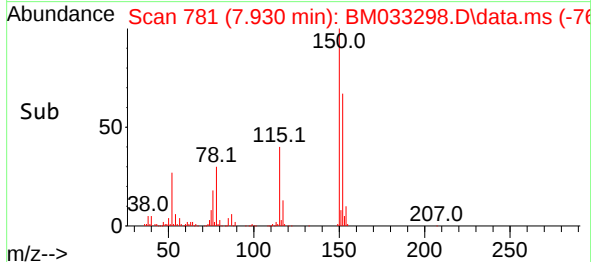
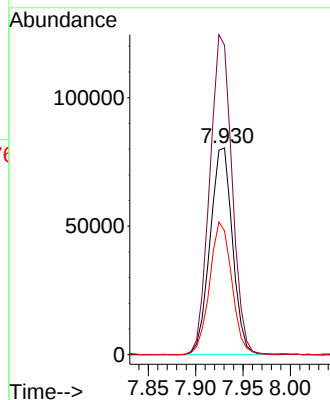
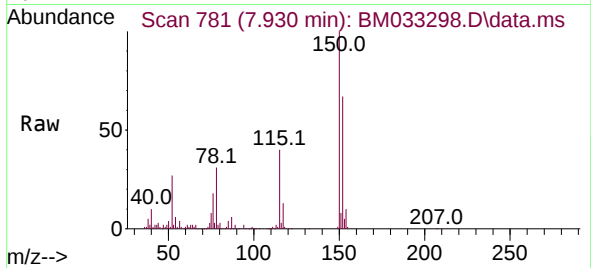




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 71
Delta R.T. -0.007 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

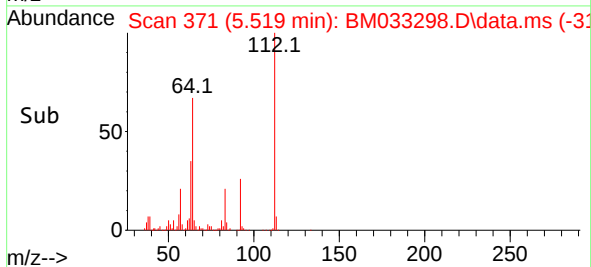
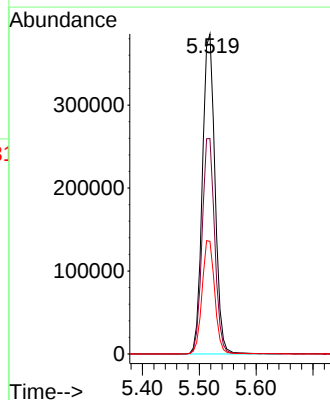
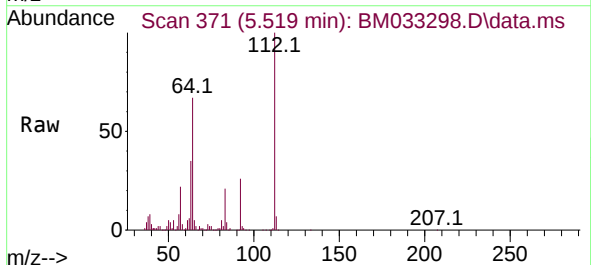
Instrument :
BNA_M
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MW-24

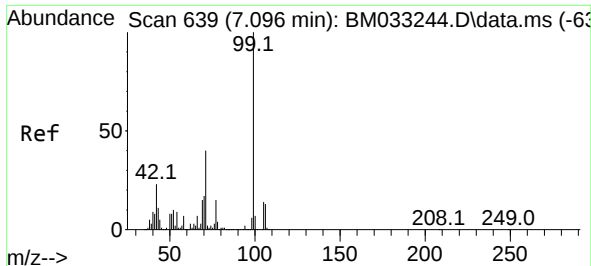
Tgt Ion:152 Resp: 132657
Ion Ratio Lower Upper
152 100
150 149.7 122.4 183.6
115 59.9 53.8 80.8



#5
2-Fluorophenol
Concen: 73.915 ng
RT: 5.519 min Scan# 371
Delta R.T. 0.011 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:112 Resp: 593766
Ion Ratio Lower Upper
112 100
64 67.3 53.7 80.5
63 35.2 33.9 50.9

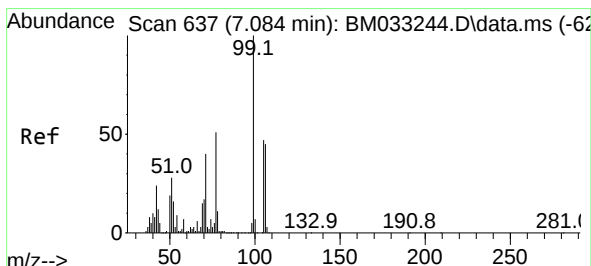
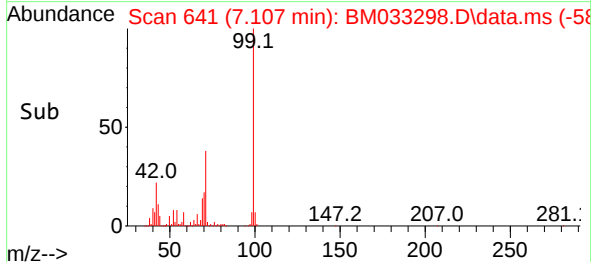
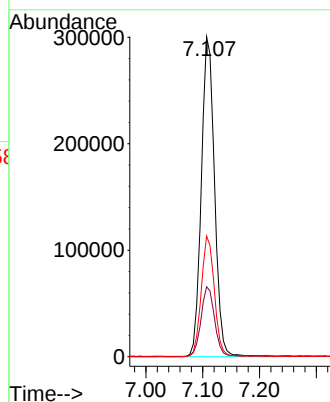
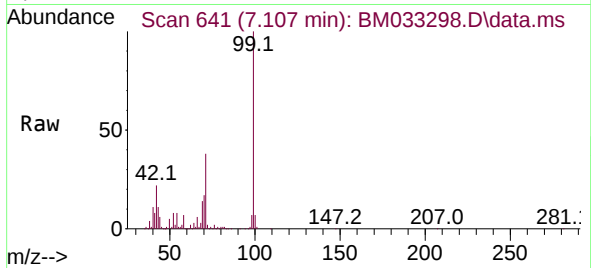




#7
Phenol-d6
Concen: 45.226 ng
RT: 7.107 min Scan# 641
Delta R.T. 0.011 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

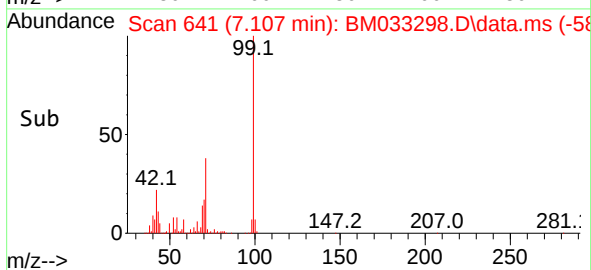
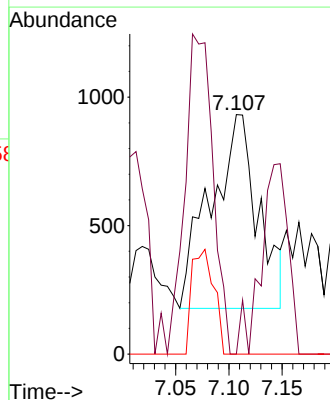
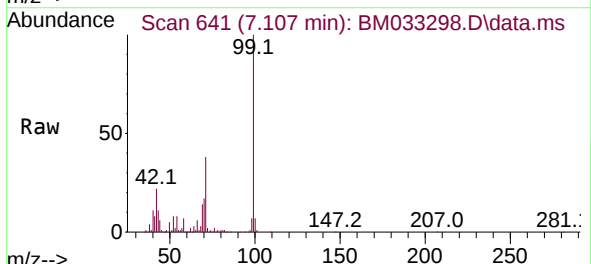
Instrument :
BNA_M
ClientSampleId :
MW-24

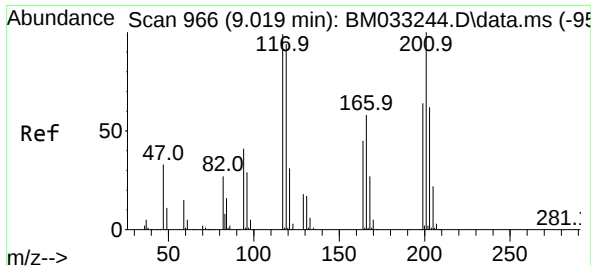
Tgt Ion: 99 Resp: 486565
Ion Ratio Lower Upper
99 100
42 21.9 23.0 34.6#
71 37.7 37.8 56.8#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.107 min Scan# 641
Delta R.T. 0.023 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion: 77 Resp: 2321
Ion Ratio Lower Upper
77 100
105 0.0 68.9 108.9#
106 0.0 61.2 101.2#

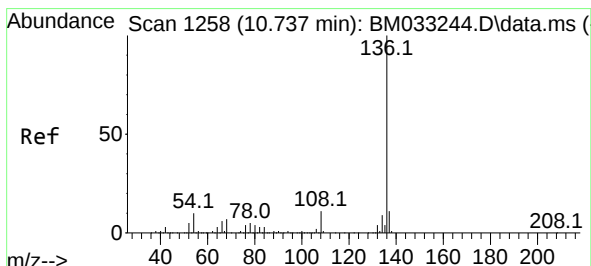
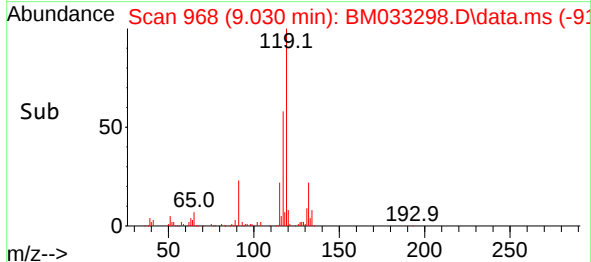
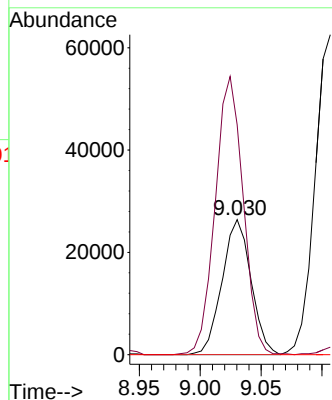
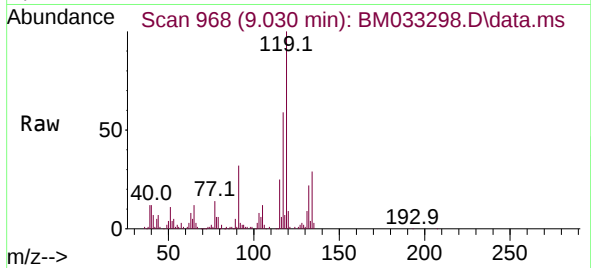




#18
Hexachloroethane
Concen: 11.984 ng
RT: 9.030 min Scan# 90
Delta R.T. 0.011 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

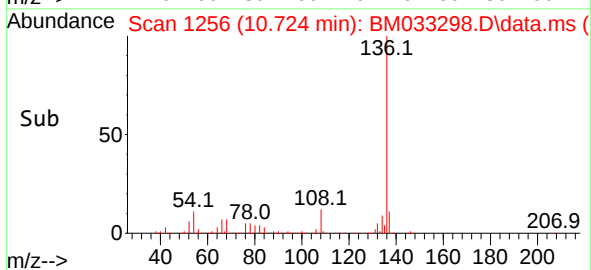
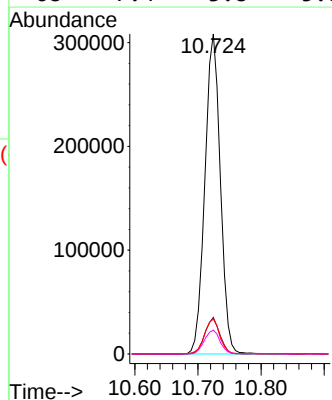
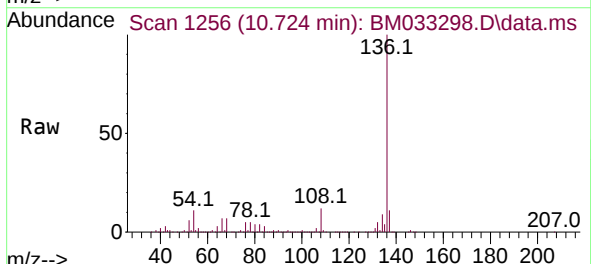
Instrument :
BNA_M
ClientSampleId :
MW-24

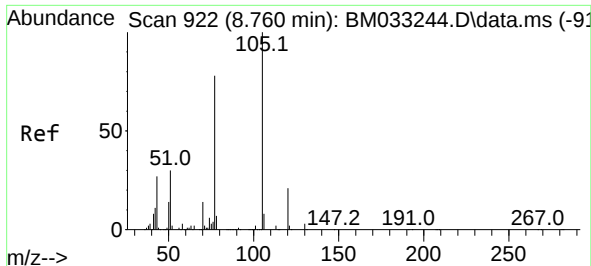
Tgt Ion:117 Resp: 43745
Ion Ratio Lower Upper
117 100
119 170.2 77.7 116.5#
201 0.0 70.2 105.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.724 min Scan# 1256
Delta R.T. -0.013 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:136 Resp: 524235
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 10.9 7.4 11.0
68 7.4 3.8 5.8#

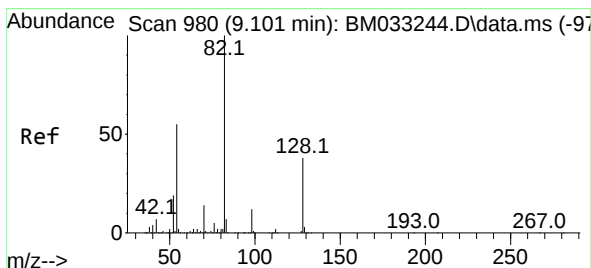
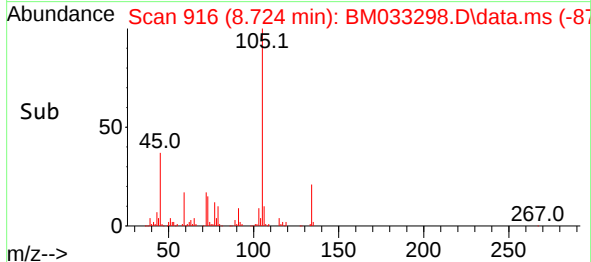
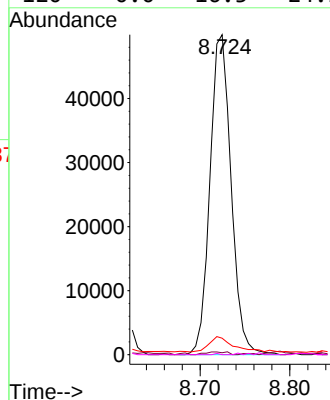
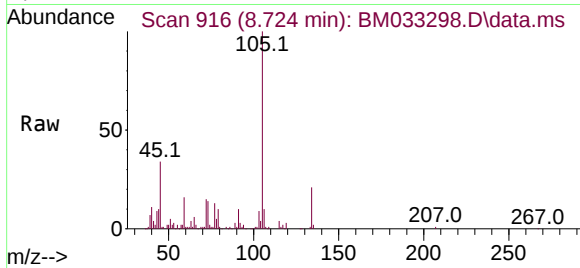




#22
Acetophenone
Concen: 6.068 ng
RT: 8.724 min Scan# 916
Delta R.T. -0.036 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

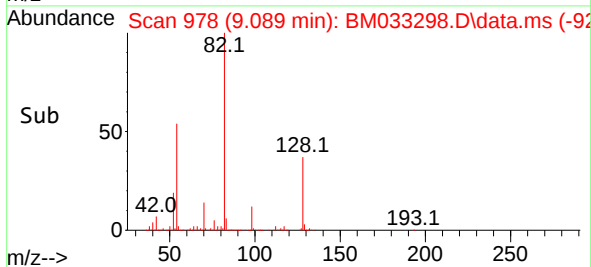
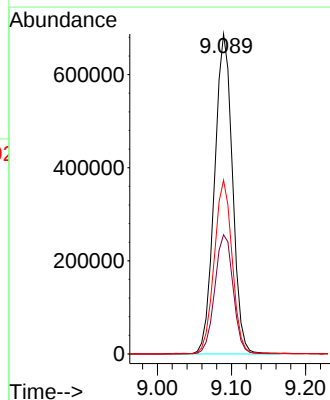
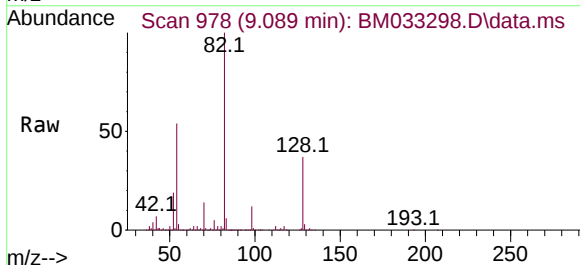
Instrument :
BNA_M
ClientSampleId :
MW-24

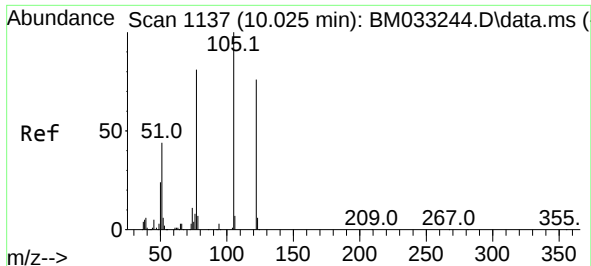
Tgt Ion:105 Resp: 81866
Ion Ratio Lower Upper
105 100
71 0.6 3.8 5.6#
51 5.1 29.5 44.3#
120 0.0 16.3 24.5#



#23
Nitrobenzene-d5
Concen: 102.502 ng
RT: 9.089 min Scan# 978
Delta R.T. -0.012 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion: 82 Resp: 1157504
Ion Ratio Lower Upper
82 100
128 37.2 29.0 43.6
54 54.3 45.8 68.8

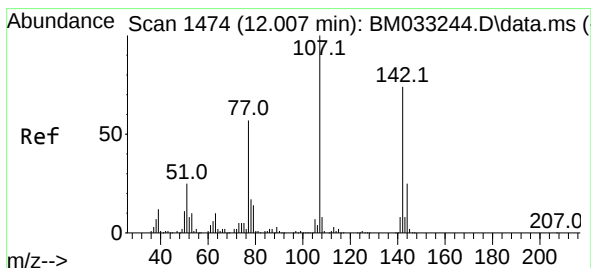
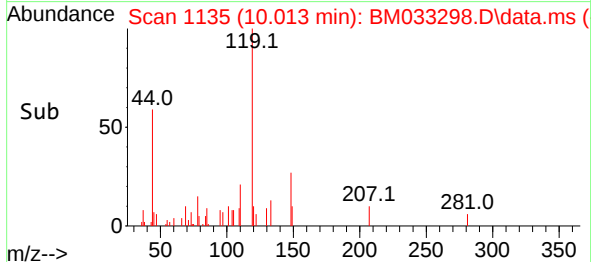
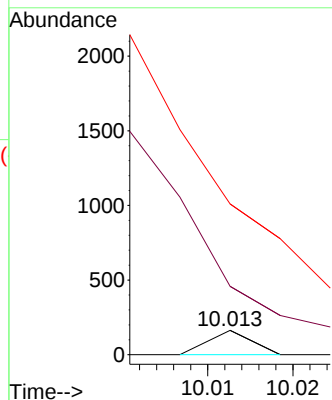
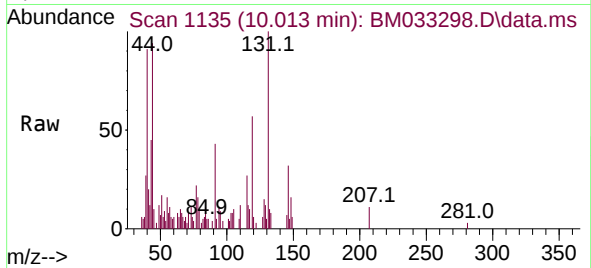




#32
Benzoic acid
Concen: 5.229 ng
RT: 10.013 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

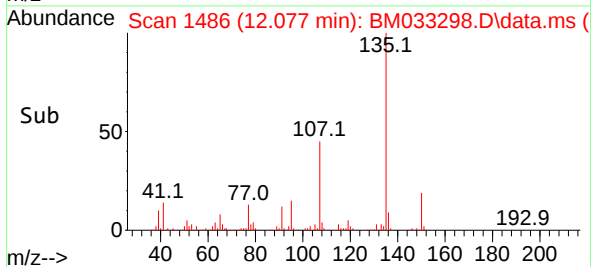
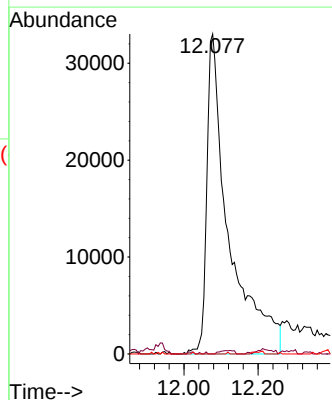
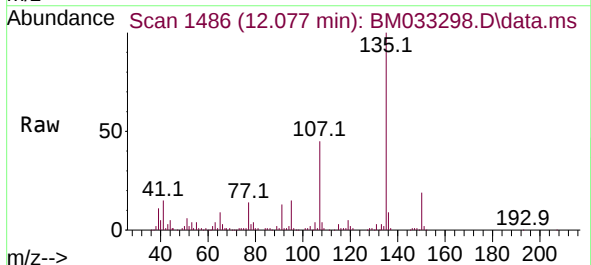
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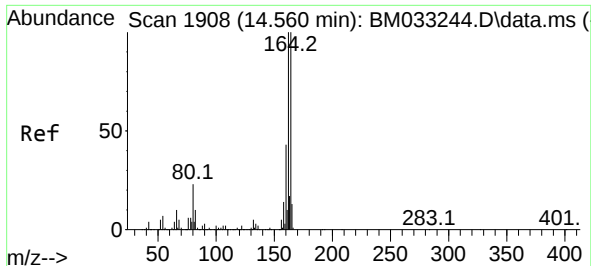
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 281.0 120.3 160.3#
77 619.6 100.0 140.0#



#36
4-Chloro-3-methylphenol
Concen: 15.321 ng
RT: 12.077 min Scan# 1486
Delta R.T. 0.070 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:107 Resp: 136725
Ion Ratio Lower Upper
107 100
144 0.0 19.3 28.9#
142 0.0 60.5 90.7#

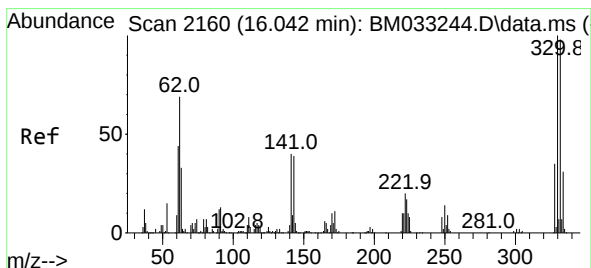
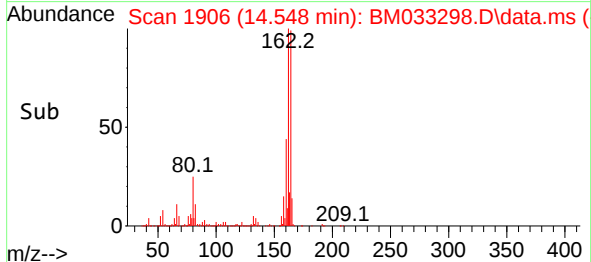
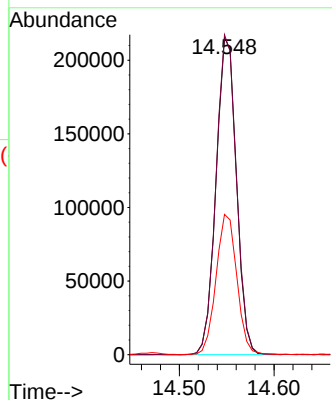
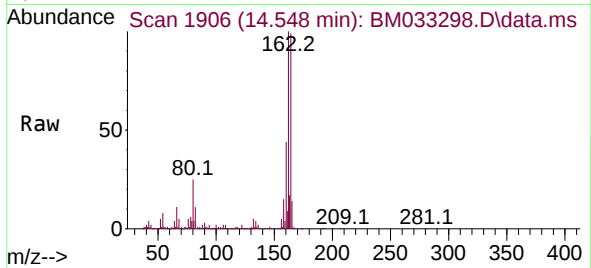




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.548 min Scan# 1906
Delta R.T. -0.012 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

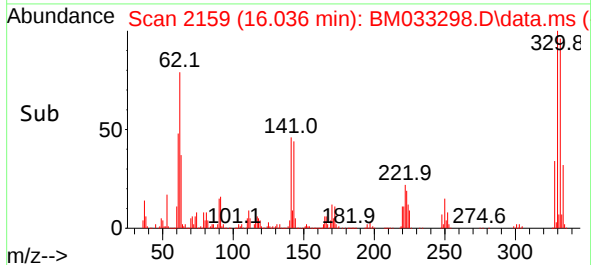
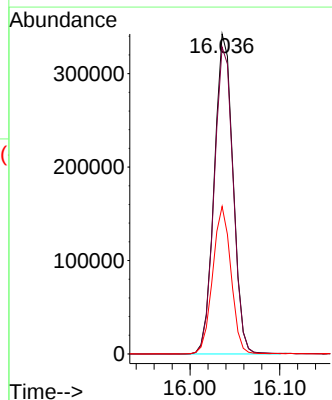
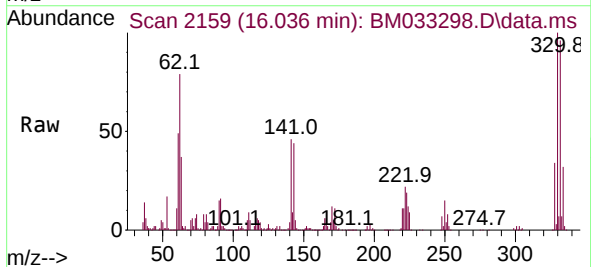
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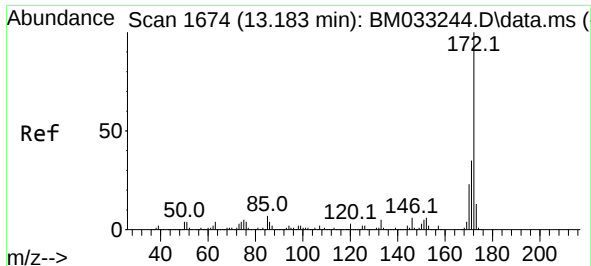
Tgt Ion:164 Resp: 322075
Ion Ratio Lower Upper
164 100
162 100.8 80.6 121.0
160 44.2 35.1 52.7



#42
2,4,6-Tribromophenol
Concen: 141.753 ng
RT: 16.036 min Scan# 2159
Delta R.T. -0.006 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:330 Resp: 497684
Ion Ratio Lower Upper
330 100
332 97.1 75.7 113.5
141 44.9 50.7 76.1#

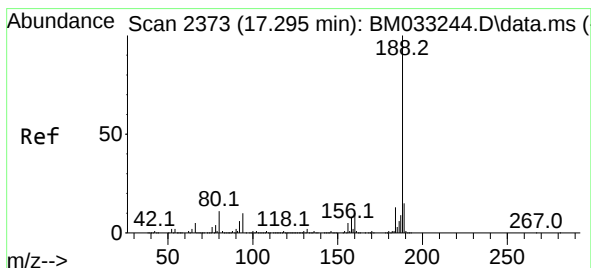
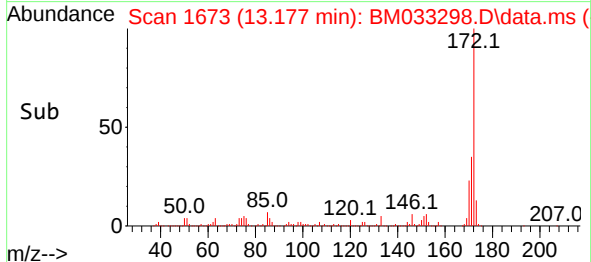
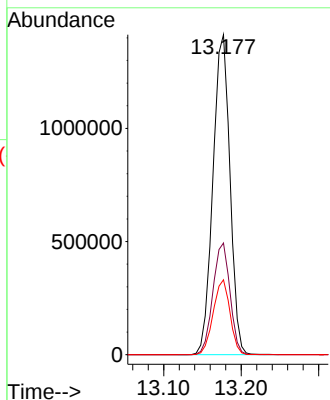
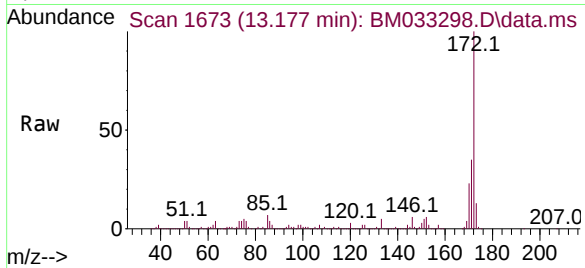




#45
2-Fluorobiphenyl
Concen: 94.475 ng
RT: 13.177 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

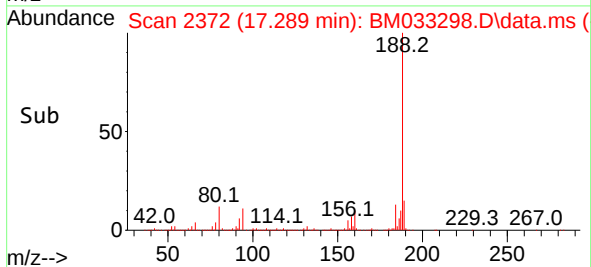
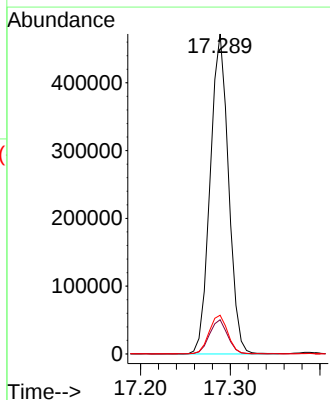
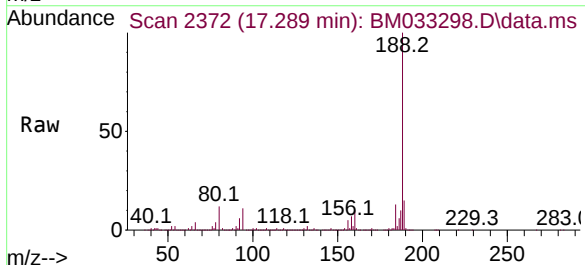
Instrument :
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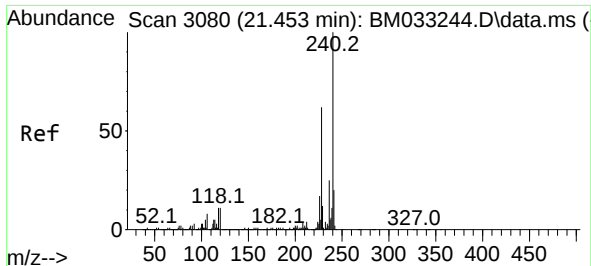
Tgt Ion:172 Resp: 2157558
Ion Ratio Lower Upper
172 100
171 34.9 28.1 42.1
170 23.4 18.6 27.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.289 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:188 Resp: 669667
Ion Ratio Lower Upper
188 100
94 10.7 6.3 9.5#
80 12.1 7.3 10.9#

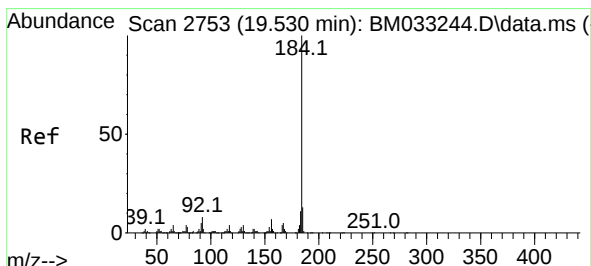
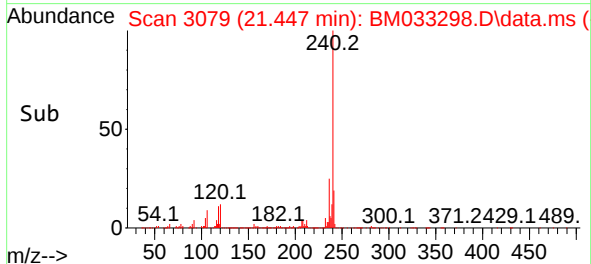
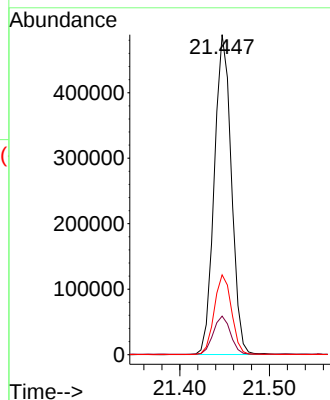
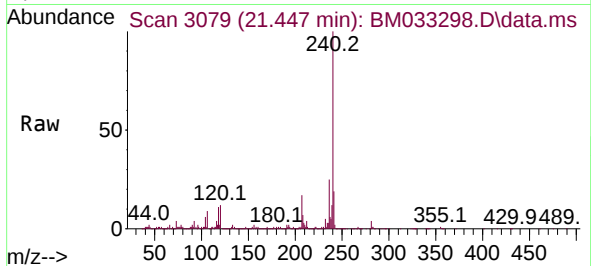




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.447 min Scan# 30
Delta R.T. -0.006 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

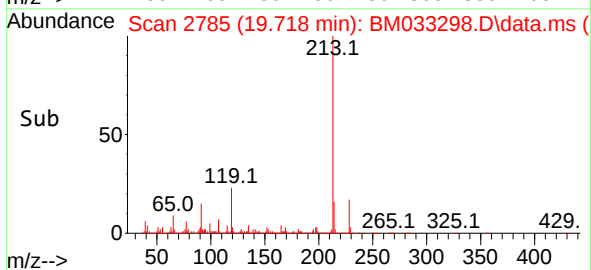
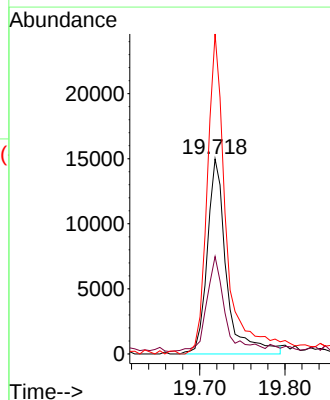
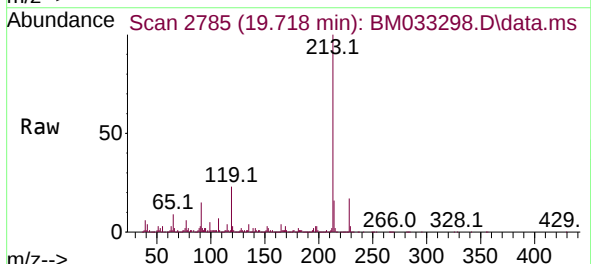
Instrument :
BNA_M
ClientSampleId :
MW-24

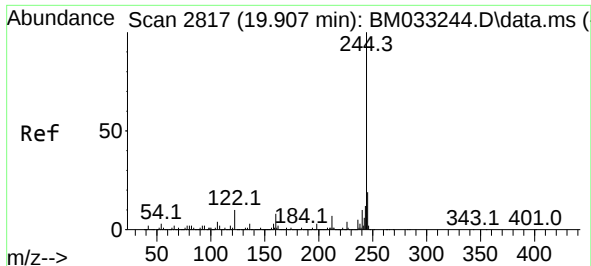
Tgt Ion:240 Resp: 647582
Ion Ratio Lower Upper
240 100
120 12.1 7.8 11.6#
236 25.0 20.9 31.3



#77
Benzidine
Concen: 3.234 ng
RT: 19.718 min Scan# 2785
Delta R.T. 0.188 min
Lab File: BM033298.D
Acq: 03 Dec 2021 22:13

Tgt Ion:184 Resp: 23545
Ion Ratio Lower Upper
184 100
185 49.9 10.6 16.0#
183 164.0 9.0 13.4#

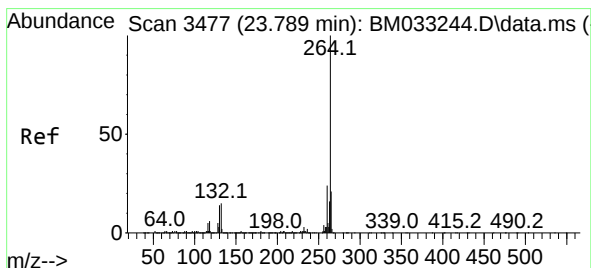
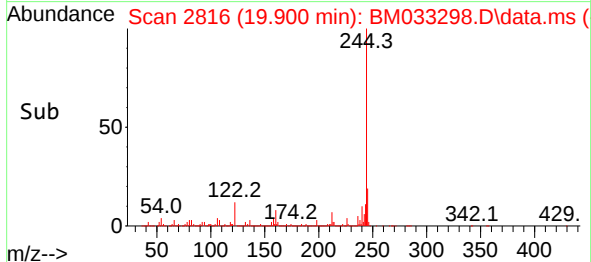
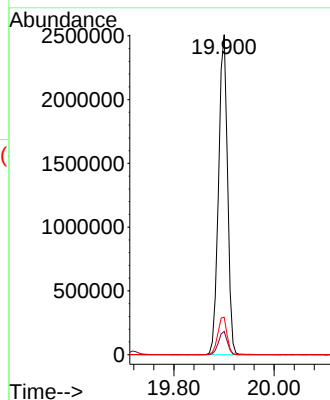
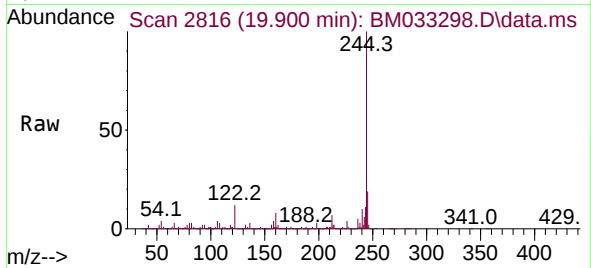




#79
 Terphenyl-d14
 Concen: 94.665 ng
 RT: 19.900 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM033298.D
 Acq: 03 Dec 2021 22:13

Instrument :
 BNA_M
 ClientSampleId :
 MW-24

Tgt Ion:244 Resp: 3100206
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 11.7 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.776 min Scan# 3475
 Delta R.T. -0.012 min
 Lab File: BM033298.D
 Acq: 03 Dec 2021 22:13

Tgt Ion:264 Resp: 645244
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 22.2 18.3 27.5

